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EXTRA CENSUS BULLETIN.

THE AREAS OF THE UNITED STATES,

THE

SEVERAL STATES AND TERRITORIES,
AND THEIR COUNTIES.

BY

HENRY GANNETT, E. M.,

GEOGRAPHER AND SPECIAL AGENT TENTH CENSUS.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1881.

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DEPARTMENT OF THE INTERIOR,
CENSUS OFFICE,

Washington, D. C., September 30, 1881.

Hon. FRANCIS A. WALKER,
Superintendent of Census:

SIR: I have the honor to transmit to you herewith, for publication as an Extra Census Bulletin, tables showing the approximate areas of the United States, the several states, and their counties.

The necessity for revising the figures which have popularly passed as the areas of the states presented itself early in the progress of my geographical work in connection with the Census. Of several states a number of estimates of area have been in use, differing from one another by thousands of square miles, and none of them, perhaps, traceable to any authentic source. Many of the results were palpably wrong, being so far from the truth that it is a source of surprise that they were not corrected before.

The methods by which I have obtained the areas are fully set forth in the body of the bulletin. I may say, however, that, while most of the areas can be considered as only approximations, yet they are as close approximations as the maps and the determinations of geographical positions, of boundary lines, etc., will permit.

The details of this work were carried out by Mr. F. DeY. Carpenter, to whom I am also indebted for the formula for the area of a "square degree", the unit of computation.

Very respectfully yours,

HENRY GANNETT, E. M.,
Geographer Tenth Census.

APPROXIMATE AREAS OF THE UNITED STATES, THE SEVERAL STATES, AND THE TERRITORIES.

The question, What constitutes the area of the United States? is by no means a simple one. Our jurisdiction extends to a line three nautical miles from the shore, but this strip of sea cannot properly be regarded as a portion of the country. Supposing our boundary to be restricted to the sea-coast, there remains a question regarding the bays and estuaries of the sea. To what extent should the coast line be followed strictly, and where should we begin to jump across the indentations made by the sea? In this matter one can only follow his own judgment, making in each case as natural a decision as possible, as no criterion whatever can be established. In this way I have defined the coast limits, showing by the red line on the accompanying map what I have taken as the *gross area* of the country and of the states, severally.

Method of measurement.

Taking first the United States (with the exception of Alaska) as a whole, its area was determined by summing up the square degrees, *i. e.*, the regions comprised between consecutive parallels and meridians. Along the coast and the boundary lines of the country the areas of the fractional square degrees were obtained by direct measurement by means of scales, in every case measuring the smaller portion, whether land or water, to avoid, as far as possible, the errors incident to the projections and scales of the maps.

The Atlantic, Pacific, and Gulf coasts were measured on charts of the Coast Survey; the shore lines of the great lakes on those of the United States Lake Survey; and the boundary with Mexico on the maps of the Mexican Boundary Commission. The northern boundary follows the parallel of 49° to the Lake of the Woods. Thence to lake Superior is a weak place where we are dependent upon the map of Hind's exploration. The northern boundary, east of the portion covered by the charts of the Lake Survey, was measured on the maps of the several international boundary commissions. A second weak spot exists on the eastern boundary of Maine, from Schoodic lake to the Atlantic coast. This is covered by no *authentic* map, but measurements made on several different maps agree very closely.

We find, then, that the whole contour of the country is given by surveys whose accuracy is unquestioned, excepting in the two spots above mentioned, *i. e.*, from Lake of the Woods to lake Superior, and from Schoodic lake to the Atlantic. The measurements, made with the utmost care and several times repeated, can embody but very slight errors, and it is not probable that the two weak places in the boundary allow any considerable error.

The areas of the square degrees were computed by the following formula, derived by Mr. F. DeY. Carpenter:

$$\text{Area} = \frac{\pi}{90} (M' - M) NRm \sin \frac{1}{2} (L' - L) \cos \frac{1}{2} (L' + L),$$

in which M' and M are the longitudes of the limited meridians, $M' - M$ being in degrees or fractions of a degree; N is the normal to the middle latitude, in miles; R the radius of curvature of the meridian at the middle latitude, in miles; L' and L the limiting latitudes; and $m = 1.004285$. The resulting area is in square miles.*

The areas of the square degrees entirely comprised within the limits of the country, and of those whose areas are more than one-half within, were computed by the above formula. From the latter were subtracted the portions lying without our limits, as determined by direct measurement, and to the whole were added the results of measurements of the remaining portions, *i. e.*, those not included in the computed square degrees.

The areas of the several states and territories were determined in a similar manner. In cases, such as those of Colorado, Wyoming, and Utah, where a state or territory is limited on all sides by parallels and meridians, the exact determination of its area is an easy matter. In cases where the square degree is divided by the boundary line into two or more parts, these parts were distributed between or among the states by direct measurement from

*For a full discussion of this formula, see article by Mr. Carpenter, in *Van Nostrand's Engineering Magazine*, for December, 1880, p. 457.

AREAS OF THE STATES AND TERRITORIES.

the best available maps, the sum of the parts being made to equal the whole, as determined by computation. The great source of error in the areas of the states is due, not to errors of measurement, which may be regarded as trifling, but to uncertainty in the location of the boundary lines between them. Until these shall have been accurately established, all measurements of certain states can be regarded as only approximations. Thus the position of the boundary between Virginia and West Virginia is not known within several miles, leaving sufficient latitude for an error of several hundred square miles in each state. Whatever may ultimately be taken from the area of one, by a correct location of this boundary, will be added to the other.

Another point to be considered is that of errors in surveying and marking those boundaries which, by law, have been established on certain lines, such as parallels or meridians. It is well known that many state and territorial boundaries have been very badly surveyed, in some cases the errors amounting to miles. In such cases I have accepted as the boundary that established by law, as it is, of course, impossible to define the locations of the boundary stakes.

The following table gives the total areas of the states and territories, as defined on the map and in the notes following the table, the area of coast waters, of rivers, etc., of lakes and ponds, of total water area, and the net land surface of the states and territories:

SUMMARY OF AREAS OF STATES, TERRITORIES, ETC., IN SQUARE MILES.

	Gross areas.	Coast waters (bays, gulfs, sounds, etc).	Rivers and smaller streams.	Lakes and ponds.	Total water surface.	Total land surface.
Total	3, 025, 600	17, 200	14, 500	23, 900	55, 600	2, 970, 000
Alabama	52, 250	440	260	10	710	51, 540
Arizona	113, 020		80	20	100	112, 920
Arkansas	53, 850		540	265	805	53, 045
California	158, 360	540	240	1, 600	2, 380	155, 980
Colorado	103, 925		270	10	280	103, 645
Connecticut	4, 990	25	80	40	145	4, 845
Dakota	149, 100		610	730	1, 400	147, 700
Delaware	2, 050	30	60		90	1, 960
District of Columbia	70		10		10	60
Florida	58, 680	1, 800	390	2, 250	4, 440	54, 240
Georgia	59, 475	150	300	45	495	58, 980
Idaho	84, 800		200	310	510	84, 290
Illinois	56, 650		515	135	650	56, 000
Indiana	36, 350		330	110	440	35, 910
Indian territory	64, 690		600		600	64, 090
Iowa	56, 025		450	100	550	55, 475
Kansas	82, 080		380		380	81, 700
Kentucky	40, 400		375	25	400	40, 000
Louisiana	48, 720	1, 060	540	1, 700	3, 300	45, 420
Maine	33, 040	545	300	2, 300	3, 145	29, 895
Maryland	12, 210	1, 850	500		2, 350	9, 860
Massachusetts	8, 315	125	60	90	275	8, 040
Michigan	58, 915		260	1, 225	1, 485	57, 430
Minnesota	83, 365		360	3, 800	4, 160	79, 205
Mississippi	46, 810	30	340	100	470	46, 340
Missouri	69, 415		630	50	680	68, 735
Montana	146, 080		410	360	770	145, 310
Nebraska	76, 855		630	40	670	76, 185
Nevada	110, 700		35	925	960	109, 740
New Hampshire	9, 305		80	220	300	9, 005
New Jersey	7, 815	205	120	35	360	7, 455
New Mexico	122, 580		115	5	120	122, 460
New York	49, 170	350	800	900	1, 550	47, 620
North Carolina	52, 250	3, 260	250	160	3, 670	48, 580
Ohio	41, 060		140	160	300	40, 760
Oregon	96, 030	50	500	920	1, 470	94, 560
Pennsylvania	45, 215		200	30	230	44, 985
Rhode Island	1, 250	135	10	20	165	1, 085
South Carolina	30, 570	215	180	5	400	30, 170
Tennessee	42, 050		200	100	300	41, 750
Texas	265, 780	2, 510	800	180	3, 490	262, 290
Utah	84, 970		80	2, 700	2, 780	82, 190
Vermont	9, 565		50	380	430	9, 135
Virginia	42, 460	1, 780	520	25	2, 325	40, 135
Washington	69, 180	1, 380	560	360	2, 300	66, 880
West Virginia	24, 780		135		135	24, 645
Wisconsin	56, 040		420	1, 170	1, 590	54, 450
Wyoming	97, 890		85	230	315	97, 575
Unorganized territory	5, 740					5, 740
Delaware bay	620	620			620	
Raritan bay and lower New York bay	100	100			100	

ALABAMA.

Includes Mobile bay, half of Perdido bay, and half of the boundary portions of the Perdido and Chattahoochee rivers.

AUTHORITIES.—For Gulf coast, Coast Survey maps; for east and west boundaries, Land Office maps, Coast Survey "sketches", and Engineer Office maps. The north boundary is taken at latitude 35° . The south boundary, from Perdido river to Chattahoochee river, follows the parallel of 31° .

ARIZONA.

Includes half of boundary portion of Colorado river.

AUTHORITIES.—For the Colorado river, Wheeler's maps; for the Mexican boundary, maps of the Mexican Boundary Survey.

ARKANSAS.

Includes half of boundary portion of Red river, Mississippi river, and St. Francis river.

AUTHORITIES.—South boundary taken at $33^{\circ} 00'$; north boundary taken at $36^{\circ} 30'$. For the east boundary, Land Office maps and Coast Survey "sketches", after comparison with Engineer Office maps; for Red river, Texas land office maps; for boundary with Indian territory, Ruffner's map of Indian territory.

CALIFORNIA.

Includes bays of San Francisco, False, and San Diego. Includes half of boundary portion of Colorado river. Includes the portion of lake Tahoe within state line.

AUTHORITIES.—For the Pacific coast, Coast Survey maps; for the Nevada boundary south of latitude 39° , Wheeler's maps; for the Colorado river, Wheeler's maps; for the boundary with lower California, Mexican Boundary Survey.

COLORADO.

Is limited on all sides by parallels of latitude and meridians of longitude, and its area is simply a matter of computation.

CONNECTICUT.

Includes the various inlets and river-mouths along the shores of Long Island sound.

AUTHORITIES.—For Long Island sound, the Coast Survey maps; for the west boundary, French's map of New York and Colton's map of Connecticut; for the north boundary, Walling and Gray's atlas of Massachusetts; for the east boundary, Colton's map of Connecticut and Thompson's map of Rhode Island.

DISTRICT OF COLUMBIA.

Includes boundary portion of the Potomac river.

AUTHORITY.—McClelland's map of the District of Columbia.

DAKOTA.

Includes half of boundary rivers and lakes.

AUTHORITY.—For boundary rivers and lakes, Land Office map of Dakota, after comparison with Engineer Office map.

DELAWARE.

Includes half of the boundary portion of the Delaware river as far south as Cohansey creek; also Rehoboth bay and Indian river.

AUTHORITIES.—For the Atlantic coast, Delaware bay, and the Delaware river south of latitude $39^{\circ} 30'$, the Coast Survey maps; for the Delaware river north of $39^{\circ} 30'$, the Geological Survey map of New Jersey; for the remaining boundaries, Colton's maps and the Eclectic Geography maps.

FLORIDA.

Includes half of Perdido bay and half of the boundary portions of Perdido, Chattahoochee, and St. Mary's rivers; also Pensacola bay, Santa Rosa sound, Choctawhatchee bay, St. Andrew's bay, St. Joseph's bay, Apalachicola bay, Oklokonee bay, Tampa bay, Charlotte harbor, Oyster bay, and the inlets, lagoons, and sounds of the Atlantic coast.

AUTHORITIES.—For the coast line, the Coast Survey maps; for the north boundary, the Land Office maps and the Coast Survey "sketches".

GEORGIA.

Includes half of the boundary portions of Chattahoochee, St. Mary's, and Savannah rivers, and half of Cumberland sound and Tybee roads; also St. Andrew's sound, St. Simon's sound, Altamaha sound, Doboy sound, Sapelo sound, St. Catherine sound, Ossabaw sound, and Warsaw sound.

AUTHORITIES.—For south and west boundaries, the Land Office maps and Coast Survey "sketches"; for the Atlantic coast, the Coast Survey charts; for the boundary with South Carolina, the Coast Survey "sketches". The north boundary is taken at latitude 35° .

IDAHO.

For west boundary and authorities, see Oregon and Washington. Boundary with Montana, summit of Bitter Root mountains.

AUTHORITY.—Engineer Office map.

ILLINOIS.

Includes half of boundary portion of Mississippi and Wabash rivers, but none of Ohio river.

AUTHORITIES.—The north boundary is taken at latitude $42^{\circ} 29' 30''$; for the lake Michigan coast, the Lake Survey maps; for the other boundaries, the Land Office and Engineer Office maps.

AREAS OF THE STATES AND TERRITORIES.

the best available maps, the sum of the parts being made to equal the whole, as determined by computation. The great source of error in the areas of the states is due, not to errors of measurement, which may be regarded as trifling, but to uncertainty in the location of the boundary lines between them. Until these shall have been accurately established, all measurements of certain states can be regarded as only approximations. Thus the position of the boundary between Virginia and West Virginia is not known within several miles, leaving sufficient latitude for an error of several hundred square miles in each state. Whatever may ultimately be taken from the area of one, by a correct location of this boundary, will be added to the other.

Another point to be considered is that of errors in surveying and marking those boundaries which, by law, have been established on certain lines, such as parallels or meridians. It is well known that many state and territorial boundaries have been very badly surveyed, in some cases the errors amounting to miles. In such cases I have accepted as the boundary that established by law, as it is, of course, impossible to define the locations of the boundary stakes.

The following table gives the total areas of the states and territories, as defined on the map and in the notes following the table, the area of coast waters, of rivers, etc., of lakes and ponds, of total water area, and the net land surface of the states and territories:

SUMMARY OF AREAS OF STATES, TERRITORIES, ETC., IN SQUARE MILES.

	Gross areas.	Coast waters (bays, gulfs, sounds, etc).	Rivers and smaller streams.	Lakes and ponds.	Total water surface.	Total land surface.
Total	3,025,600	17,200	14,500	23,900	55,600	2,970,000
Alabama	52,250	440	260	10	710	51,540
Arizona	113,020	80	20	20	100	112,920
Arkansas	53,850	540	265	805	1,610	53,045
California	158,360	540	240	1,600	2,380	155,980
Colorado	103,925	10	270	10	280	103,645
Connecticut	4,990	25	80	40	145	4,845
Dakota	149,100	30	610	790	1,400	147,700
Delaware	2,050	30	60	10	90	1,960
District of Columbia	70	10	10	10	10	60
Florida	58,680	1,800	390	2,250	4,440	54,240
Georgia	59,475	150	300	45	495	58,980
Idaho	84,800	200	310	510	84,290	84,290
Illinois	56,650	515	135	650	1,200	56,000
Indiana	36,350	330	110	440	870	35,910
Indian territory	64,690	600	600	600	600	64,090
Iowa	56,025	450	100	550	550	55,475
Kansas	82,080	380	380	380	380	81,700
Kentucky	40,400	375	25	400	400	40,000
Louisiana	48,720	1,060	540	1,700	3,300	45,420
Maine	33,040	545	300	2,300	3,145	29,895
Maryland	12,210	1,850	500	2,350	2,350	9,860
Massachusetts	8,315	125	60	90	275	8,040
Michigan	58,915	260	1,225	1,485	1,485	57,430
Minnesota	83,365	360	3,800	4,160	4,160	79,205
Mississippi	46,810	30	340	100	470	46,340
Missouri	69,415	630	50	680	680	68,735
Montana	146,080	410	360	770	1,480	145,310
Nebraska	76,855	630	40	670	670	76,185
Nevada	110,700	35	925	960	960	109,740
New Hampshire	9,305	80	220	300	300	9,005
New Jersey	7,815	205	120	35	360	7,455
New Mexico	122,580	115	5	120	120	122,460
New York	49,170	350	300	900	1,550	47,620
North Carolina	52,250	3,260	250	160	3,670	48,580
Ohio	41,060	140	160	300	300	40,760
Oregon	06,030	50	500	920	1,470	9,560
Pennsylvania	45,215	200	30	230	430	44,985
Rhode Island	1,250	135	10	20	165	1,085
South Carolina	30,570	215	180	5	400	30,170
Tennessee	42,050	200	100	300	300	41,750
Texas	265,780	2,510	800	180	3,490	262,290
Utah	84,970	80	2,700	2,780	2,780	82,190
Vermont	9,565	50	380	430	430	9,135
Virginia	42,450	1,780	520	25	2,325	40,125
Washington	69,180	1,380	560	360	2,300	66,880
West Virginia	24,780	135	135	135	135	24,645
Wisconsin	56,040	420	1,170	1,590	1,590	54,450
Wyoming	97,890	85	230	315	315	97,575
Unorganized territory	5,740	620	620	620	620	5,740
Delaware bay	620	620	620	620	620	620
Raritan bay and lower New York bay	100	100	100	100	100	100

ALABAMA.

Includes Mobile bay, half of Perdido bay, and half of the boundary portions of the Perdido and Chattahoochee rivers.

AUTHORITIES.—For Gulf coast, Coast Survey maps; for east and west boundaries, Land Office maps, Coast Survey “sketches”, and Engineer Office maps. The north boundary is taken at latitude 35° . The south boundary, from Perdido river to Chattahoochee river, follows the parallel of 31° .

ARIZONA.

Includes half of boundary portion of Colorado river.

AUTHORITIES.—For the Colorado river, Wheeler’s maps; for the Mexican boundary, maps of the Mexican Boundary Survey.

ARKANSAS.

Includes half of boundary portion of Red river, Mississippi river, and St. Francis river.

AUTHORITIES.—South boundary taken at $33^{\circ} 00'$; north boundary taken at $36^{\circ} 30'$. For the east boundary, Land Office maps and Coast Survey “sketches”, after comparison with Engineer Office maps; for Red river, Texas land office maps; for boundary with Indian territory, Ruffner’s map of Indian territory.

CALIFORNIA.

Includes bays of San Francisco, False, and San Diego. Includes half of boundary portion of Colorado river. Includes the portion of lake Tahoe within state line.

AUTHORITIES.—For the Pacific coast, Coast Survey maps; for the Nevada boundary south of latitude 39° , Wheeler’s maps; for the Colorado river, Wheeler’s maps; for the boundary with lower California, Mexican Boundary Survey.

COLORADO.

Is limited on all sides by parallels of latitude and meridians of longitude, and its area is simply a matter of computation.

CONNECTICUT.

Includes the various inlets and river-mouths along the shores of Long Island sound.

AUTHORITIES.—For Long Island sound, the Coast Survey maps; for the west boundary, French’s map of New York and Colton’s map of Connecticut; for the north boundary, Walling and Gray’s atlas of Massachusetts; for the east boundary, Colton’s map of Connecticut and Thompson’s map of Rhode Island.

DISTRICT OF COLUMBIA.

Includes boundary portion of the Potomac river.

AUTHORITY.—McClelland’s map of the District of Columbia.

DAKOTA.

Includes half of boundary rivers and lakes.

AUTHORITY.—For boundary rivers and lakes, Land Office map of Dakota, after comparison with Engineer Office map.

DELAWARE.

Includes half of the boundary portion of the Delaware river as far south as Cohansey creek; also Rehoboth bay and Indian river.

AUTHORITIES.—For the Atlantic coast, Delaware bay, and the Delaware river south of latitude $39^{\circ} 30'$, the Coast Survey maps; for the Delaware river north of $39^{\circ} 30'$, the Geological Survey map of New Jersey; for the remaining boundaries, Colton’s maps and the Eclectic Geography maps.

FLORIDA.

Includes half of Perdido bay and half of the boundary portions of Perdido, Chattahoochee, and St. Mary’s rivers; also Pensacola bay, Santa Rosa sound, Choctawhatchee bay, St. Andrew’s bay, St. Joseph’s bay, Apalachicola bay, Oklokonee bay, Tampa bay, Charlotte harbor, Oyeter bay, and the inlets, lagoons, and sounds of the Atlantic coast.

AUTHORITIES.—For the coast line, the Coast Survey maps; for the north boundary, the Land Office maps and the Coast Survey “sketches”.

GEORGIA.

Includes half of the boundary portions of Chattahoochee, St. Mary’s, and Savannah rivers, and half of Cumberland sound and Tybee roads; also St. Andrew’s sound, St. Simon’s sound, Altamaha sound, Doboy sound, Sapelo sound, St. Catherine sound, Oesabaw sound, and Warsaw sound.

AUTHORITIES.—For south and west boundaries, the Land Office maps and Coast Survey “sketches”; for the Atlantic coast, the Coast Survey charts; for the boundary with South Carolina, the Coast Survey “sketches”. The north boundary is taken at latitude 35° .

IDAHO.

For west boundary and authorities, see Oregon and Washington. Boundary with Montana, summit of Bitter Root mountains.

AUTHORITY.—Engineer Office map.

ILLINOIS.

Includes half of boundary portion of Mississippi and Wabash rivers, but none of Ohio river.

AUTHORITIES.—The north boundary is taken at latitude $42^{\circ} 29' 30''$; for the lake Michigan coast, the Lake Survey maps; for the other boundaries, the Land Office and Engineer Office maps.

AREAS OF THE STATES AND TERRITORIES.

INDIANA.

Includes half of boundary portion of Wabash river, but none of the Ohio river.

AUTHORITIES.—For the shore of lake Michigan, the Lake Survey maps; for the remaining boundaries, the Land Office and Engineer Office maps.

INDIAN TERRITORY.

Includes half of boundary portion of Red river.

AUTHORITY.—Ruffner's map of Indian territory.

(Includes "Greer County", disputed territory with Texas.)

IOWA.

Includes half of boundary rivers.

AUTHORITIES.—For the east, south, and west boundaries, the Land Office and Engineer Office maps. The north boundary is taken at latitude 43° 30'.

KANSAS.

Includes half of boundary portion of Missouri river.

AUTHORITY.—Land Office map checked by Engineer Office map.

KENTUCKY.

Includes half of boundary portion of Mississippi and Big Sandy rivers and all of boundary portion of the Ohio river.

AUTHORITIES.—For the south boundary, the Coast Survey "sketches" and Killebrew's map of Tennessee; for the north and west boundaries, the Land Office and Engineer Office maps; for the east boundary, Colten's maps and the Eclectic Geography maps.

LOUISIANA.

Includes half of Sabine lake and half of the boundary portions of Sabine, Mississippi, and Pearl rivers. Includes the bays of Vermillion, Cote Blanche, Terrebonne, Timbalier, and Barataria, and the lakes of Calcasieu, Pontchartrain, and Borgne.

AUTHORITIES.—For the western boundary, the Texas land office map; for the Gulf coast, the Coast Survey maps; for Pearl river, the Land Office maps, checked by the Engineer Office map; for the Mississippi river, the Land Office maps and Coast Survey "sketches", checked by Engineer Office maps.

MAINE.

Includes half of the boundary portions of the St. John, St. Croix, and Piscataqua rivers. Includes only such arms of the sea as are decidedly landlocked.

AUTHORITIES.—For the coast, the Coast Survey maps; for the eastern boundary, the maps of the British Boundary Survey and Walker and Miles' atlas of Canada; for the northern and northwestern boundaries, the maps of the British Boundary Survey; for the boundary with New Hampshire, Walling and Hitchcock's atlas of New Hampshire.

MARYLAND.

Includes Assateague bay, Isle of Wight bay, Tangier sound, the interior portion of Chesapeake bay, and the boundary portion of the Potomac river.

AUTHORITIES.—For the Atlantic coast, Chesapeake bay, the Potomac river south of the District of Columbia, and the boundary with southern Delaware, the Coast Survey maps; the north boundary taken at latitude 39° 43' 26"; for the remaining boundaries, Colton's maps and the maps of the Eclectic Geography.

MASSACHUSETTS.

Includes Boston harbor.

AUTHORITIES.—For the coast, the Coast Survey maps; for the north boundary, Walling and Gray's atlas of Massachusetts and Walling and Hitchcock's atlas of New Hampshire; for the remaining boundaries, Walling and Gray's atlas of Massachusetts.

MICHIGAN.

Includes half of Montreal and Menominee rivers; includes half of St. Mary's, St. Clair, and Detroit rivers; includes Anchor bay and Huron bay, but no other portion of lake St. Clair, the great lakes, or their tributary bays. The straits of Mackinac are not included.

AUTHORITIES.—For the great lakes and their connecting waters, the Lake Survey maps; for the Wisconsin boundary, the Land Office maps; for the south boundary, the Land Office, Engineer Office, and Lake Survey maps.

MINNESOTA.

Includes half of the lakes, straits, and rivers along the British boundary, except Rainy lake and Lake of the Woods; includes half of lake Travers, Big Stone lake, lake Pepin, lake St. Croix, and St. Louis bay; includes half of the boundary portions of Red river, Mississippi river, and St. Croix river.

AUTHORITIES.—For the coast of lake Superior, the Lake Survey maps; for the British boundary, Hinds' maps and the maps of the Northern Boundary Survey; for the east and west boundaries, the Land Office and Engineer Office maps. The south boundary is taken at latitude 43° 30'.

MISSISSIPPI.

Includes half of boundary portions of Mississippi and Pearl rivers; includes bay of St. Louis.

AUTHORITIES.—For the Gulf coast, Coast Survey maps; for east and west boundaries, the Land Office maps and Coast Survey "sketches" in connection with the Engineer Office maps. The north boundary is taken at latitude 35°.

MISSOURI.

Includes half of all boundary rivers.

AUTHORITY.—Land Office maps, after comparison with the Engineer Office map and Killebrew's map of Tennessee.

MONTANA.

AUTHORITY.—For boundary with Idaho (summit of Bitter Root mountains), Engineer Office map.

NEBRASKA.

Includes half of boundary rivers.

AUTHORITY.—For natural boundaries, Land Office maps, in connection with Engineer Office map.

NEVADA.

Includes half of boundary portion of Colorado river. Includes the portion of lake Tahoe within state line.

AUTHORITIES.—For southwest and south boundaries, Wheeler's maps.

NEW HAMPSHIRE.

Includes all of boundary portion of the Connecticut river and half of Piscataqua rivers.

AUTHORITIES.—For the north boundary, the maps of the British Boundary Survey; for the south boundary, Walling and Hitchcock's atlas of New Hampshire, and Walling and Gray's atlas of Massachusetts; for the east and west boundaries, Walling and Hitchcock's atlas of New Hampshire.

NEW JERSEY.

Includes all bays and inlets of the Atlantic between cape May and Sandy Hook; also Newark bay and half of the boundary portions of the Delaware and Hudson rivers, half of New York bay, and half of Kill von Kull and Staten Island sound. No portion of Delaware bay, Raritan bay, or Sandy Hook bay is included.

AUTHORITIES.—For Delaware bay, the Atlantic coast, Raritan bay, Staten Island sound, and New York harbor, the Coast Survey maps; for the Hudson river and the boundary with New York, the map of the New Jersey Geological Survey, and French's map of New York; for the Delaware river, the New Jersey Geological Survey map and Colton's maps.

NEW MEXICO.

Includes half of boundary portion of Rio Grande.

AUTHORITY.—For the boundary with Mexico, Mexican Boundary Survey.
The remainder of the territory is limited by parallels and meridians.

NEW YORK.

Includes half of Niagara river and of the boundary portions of the St. Lawrence and Hudson rivers, and of Staten Island sound. Includes Chaumont bay, the New York portion of lake Champlain, the Narrows, East river, and half of New York bay. Includes, on Long Island, Jamaica bay, Hempstead bay, South Oyster bay, Great South bay, Belleport bay, Moriche's bay, Shinnicock bay, Peconic bay, Huntington bay, Oyster bay, and Flushing bay.

AUTHORITIES.—For lake Erie and lake Ontario, the Lake Survey maps; for the northern boundary, the maps of the British Boundary Survey; for the eastern boundary, the Coast Survey maps of lake Champlain, Walling and Gray's atlas of Massachusetts, French's map of New York, and Colton's maps; for the Atlantic coast and Long Island sound, the Coast Survey maps; for the boundary with New Jersey, the New Jersey Geological Survey map. The south boundary is taken at latitude 42°.

NORTH CAROLINA.

Includes Pamlico sound, Albemarle sound, and Currituck sound.

AUTHORITIES.—For the Atlantic coast, the Coast Survey charts; for the north, south, and west boundaries, the Coast Survey "sketches".

NOTE.—The north and south boundaries have been surveyed at different times, but have not been permanently marked. On the Coast Survey maps they appear to follow, as closely as possible, the route of the most recent survey, and this location has been accepted in determining the area of the state.

OHIO.

Includes none of boundary portion of Ohio river. Includes Maumee bay and Sandusky bay.

AUTHORITIES.—For the lake Erie shore, the Lake Survey maps; for the other boundaries, the Land Office maps, the Engineer Office maps, Colton's maps, and Von Steinwehr's map of West Virginia.

OREGON.

Includes the bays of Nehalem, Tillamook, Oyster, Yaquina, Coos. Includes half of boundary rivers of Columbia and Snake. East boundary, south of the mouth of Owyhee river, is supposed to follow the meridian of 117° 01' 30".

AUTHORITIES.—For the coast line, the Coast Survey maps; for the Snake river boundary, the Land Office maps; for Columbia river boundary, the Land Office maps.

AREAS OF THE STATES AND TERRITORIES.

PENNSYLVANIA.

Includes half of boundary portion of Delaware river.

AUTHORITIES.—For the east boundary, the Geological Survey map of New Jersey and French's map of New York. The south boundary taken at latitude $39^{\circ} 43' 26''$. For the west boundary, the Land Office map of Ohio, Colton's maps, and the Eclectic Geography maps; for the lake Erie coast, the Lake Survey maps. The north boundary is taken at latitude 42° .

RHODE ISLAND.

Includes Narraganset bay and Jakonnet river.

AUTHORITIES.—For the coast line, the Coast Survey maps; for the boundary with Massachusetts, Walling and Gray's atlas of Massachusetts; for the boundary with Connecticut, Thompson's map of Rhode Island and Colton's map of Connecticut.

SOUTH CAROLINA.

Includes half of Savannah river and Tybee roads. Includes Port Royal sound, St. Helena sound, and Charleston harbor.

AUTHORITIES.—For the coast line, the Coast Survey maps; for the boundaries with Georgia and North Carolina, the Coast Survey "sketches".

TENNESSEE.

Includes half of boundary portion of Mississippi river.

AUTHORITIES.—The south boundary is taken at latitude 35° . For the east boundary, the Coast Survey "sketches"; for the north boundary, the Coast Survey "sketches" and Killebrew's map of Tennessee; for the west boundary, the Land Office maps and Killebrew's map of Tennessee, in connection with the Engineer Office map.

TEXAS.

(Greer county not included.)

Includes half of boundary portions of the Rio Grande, Sabine river, and Red river, and half of Sabine lake. Includes Laguna del Madre, Corpus Christi bay, Aransas bay, San Antonio bay, Matagorda bay, Galveston bay, and other coast lakes and bays.

AUTHORITIES.—For the Rio Grande, the maps of the Mexican Boundary Survey; for the Gulf coast, the maps of the Coast Survey; for the eastern boundary, from Red river to Sabine pass, the Texas land office map; for the Red river boundary, Ruffner's map of Indian territory.

AREAS OF TEXAS.

Texas land office map, 1879, 269,694 square miles (this includes Greer county, 2,622 square miles); Roessle's map, 268,684 square miles; Land Office report, 1878, 274,356 square miles; Census of 1870, 274,356 square miles; Census of 1880, 265,780 square miles, excluding Greer county.

UTAH.

Is limited on all sides by parallels and meridians; hence its area is a simple matter of computation.

VERMONT.

Includes the Vermont portion of lake Champlain and none of the boundary portion of the Connecticut river.

AUTHORITIES.—For the north boundary, the maps of the British Boundary Survey; for the east boundary, Walling and Hitchcock's atlas of New Hampshire; for the south boundary, Walling and Gray's atlas of Massachusetts; for the west boundary, the Coast Survey maps of lake Champlain, French's map of New York, Colton's map of Vermont, and Walling and Hitchcock's atlas of New Hampshire.

VIRGINIA.

Includes no portion of the Potomac River. Includes the various inlets along the Atlantic coast and the interior portion of Chesapeake bay, from Smith's island to the sea.

AUTHORITIES.—For the boundary with North Carolina, the Coast Survey sketch maps; for the Atlantic coast, Chesapeake bay, and the Potomac river below Washington, the Coast Survey maps; for the remaining boundaries, Colton's maps and the Eclectic Geography maps.

WASHINGTON.

Strait of Juan de Fuca and gulf of Georgia are excluded, but the islands in the same are included. The waters of Puget sound, Admiralty inlet, Hood's canal, Gray's harbor, and Shoalwater bay are included. Half of the boundary portions of Columbia and Snake rivers are included. The east boundary, north of the mouth of Clearwater river, is supposed to follow the meridian of $117^{\circ} 01' 30''$.

AUTHORITIES.—For the coast line, the Coast Survey maps; for Snake river boundary, the Land Office maps; for Columbia river boundary, the Land Office maps.

WEST VIRGINIA.

Includes half of the boundary portion of the Big Sandy river and all of the boundary portion of the Ohio river.

AUTHORITIES.—Colton's maps, the Eclectic Geography maps, and the Land Office map of Ohio.

WISCONSIN.

Includes half of lake Pepin, lake Saint Croix, lac Desert, and St. Louis bay, and half of the boundary portions of the Mississippi, Saint Croix, Montreal, and Menominee rivers. Includes Chaquamegon bay. Does not include any portion of Green bay or Sturgeon bay.

AUTHORITIES.—For the shores of the Great Lakes and Green bay, the Lake Survey Maps; for the west boundary, the Land Office and Engineer Office maps; for the boundary with Michigan, the Land Office maps; the south boundary is taken at latitude $42^{\circ} 29' 30''$.

WYOMING.

Is limited on all sides by parallels and meridians; hence its area is a simple matter of computation.

“PUBLIC LANDS.”

(Unattached territory.)

Longitude 100°-103°; latitude 36° 30'-37° 00'.

Is limited on all sides by parallels and meridians, and its area is therefore a matter of computation.

WATER AREAS.

The areas of included bodies of water, as bays and other inlets of the sea, lakes, ponds, etc., were, in most cases, determined by direct measurement from maps.

The accuracy and completeness of this statement of water areas differs in different states with the scale and general correctness of the maps used. In a few cases they were found in print in such form as to show that they had been carefully determined.

The water surface of Maine has been carefully measured by Mr. Walter Wells, and the results are published in “Water Power of Maine”. That of New Jersey has been measured with great care by Professor Cooke, the state geologist, who has published the measurements in his report on “Geology of New Jersey”, 1868. In all states surveyed by the General Land Office, these areas were taken from the plats on file in the Land Office. In cases of these states the results are to be regarded as excellent.

In the unsettled portions of the west, where the land surveys have not yet extended, the areas were taken from the best maps to be had. The maps of Hayden’s, King’s, Powell’s, and Wheeler’s surveys have assisted greatly in completing the work.

The area of river surface has proved a very difficult matter to determine, even approximately. In case of states which have been entirely surveyed by the General Land Office, and of which the plats, on a large scale, are accessible, the areas of the larger streams were measured from them by taking the mean breadth and the length. This, of course, ignores the stage of water, but, as the surveys were made at all times of the year, it may be assumed as “medium stage”. From such material the river surface of these states has been determined, and was found to range from one square mile in 90 of total area to one in 3,163, but averaging for the states of the Mississippi valley about one in 200. This has served as a basis for estimating that of the other states.

Following is a list of the principal inland lakes of the United States, with their areas:

Lakes.	State.	Area in square miles.	Authority.	Lakes.	State.	Area in square miles.	Authority.
Abert.....	Oregon	73	Land Office maps.	Chautauqua	New York.....	17	French's map.
Agogebic	Michigan	21	Land Office plats.	Cheboygan	Michigan	21	Land Office plats.
Apopka	Florida	53	Do.	Chelan	Washington	114	Land Office maps.
Baskahegan	Maine	18	A.	Chesuncook.....	Maine	22	A.
Bayou Pierre	Louisiana.....	12	Land Office plats.	Clear	California.....	60	
Bear	Utah and Idaho	58	Hayden.	Cleaveland	Maine	19	A.
Beaver	Indiana.....	23	Land Office plats.	Coeur d'Alène	Idaho	40	Land Office map.
Big	Arkansas	34	Do.	Crooked	Minnesota	45	Do.
Big	Maine	14	A.	Crooked	New York.....	19	French's map.
Big Stone	Dakota and Minnesota.....	20	Land Office maps.	Cross	Louisiana.....	17	Land Office plat.
Bisteneac	Louisiana.....	36	Land Office plats.	Cyprese	Florida	15	Do.
Black	New York.....	12	French's map.	Dead	Minnesota	14	Do.
Bois Blanc	Minnesota	38	Land Office map.	Dennis	Florida	25	Do.
Burt	Michigan	30	Land Office plats.	Devil's	Dakota	125	Land Office map.
Calcasieu	Louisiana.....	88	Do.	Drummond	Virginia	16	Coast Survey map.
Canandaigua	New York.....	18	French's map.	Eagle	California	42	
Cannienia	Louisiana.....	19	Land Office plats.	Eagle	Maine	22	A.
Carp	Michigan	12	Do.	Eagle	Nevada	25	
Carson	Nevada	77	Wheeler.	Elk	Michigan	15	Land Office plats.
Carson Sink	do	225	Do.	Eustie	Florida	24	Do.
Cass	Michigan	20	Land Office plats.	Faues Point	Louisiana.....	32	Do.
Case	Minnesota	32	Do.	Flathead	Montana.....	318	Land Office maps.
Catahoula.....	Louisiana.....	31	Do.	Franklin.....	Nevada	40	King.
Cayuga	New York.....	63	French's map.	George	Florida	76	Land Office plats.
Chamberlain.....	Maine	20	A.	George	New York.....	46	French's map.
Champlain.....		488	Coast Survey charts.	Goose.....	California and Oregon.....	201	Land Office map.
Charley Apopka.....	Florida	22	Land Office plats.	Gosiute	Nevada	18	King.

AREAS OF THE STATES AND TERRITORIES.

Lakes.	State.	Area in square miles.	Authority.	Lakes.	State.	Area in square miles.	Authority.
Grand	Louisiana.....	121	Land Office plats.	Pend d'Oreille	Idaho	130	Land Office map.
Grand	Maine	17	A.	Pepin.....	Minnesota and Wisconsin	39	Land Office plat.
Grand	Michigan	12	Land Office plats.	Phelps.....	North Carolina.....	25	Coast Survey map.
Green.....	Wisconsin	11	Do.	Poinsett	Dakota	17	Land Office map.
Griffin.....	Florida	16	Do.	Pokegama	Minnesota	16	Do.
Gull.....	Minnesota	16	Do.	Portage.....	Michigan	21	Land Office plats.
Harney.....	Oregon	93	Land Office maps.	Poygan.....	Wisconsin	15	Do.
Heron.....	Minnesota	14	Do.	Pyramid.....	Nevada	205	Wheeler.
Higgins.....	Michigan	17	Land Office plats.	Racquet.....	New York	16	French's map.
Honey.....	California	94	Do.	Rainy.....	Minnesota	146	Approximate Land Office map.
Houghton.....	Michigan	33	Land Office plat.	Rangeley	Maine.....	14	A.
Humboldt.....	Nevada	25	Wheeler.	Red.....	Minnesota	342	Land Office map.
Istokpoga.....	Florida	37	Land Office plat.	Rioe.....	do	11	Do.
Kah-chee.....	Washington	18	Land Office map.	Ruby.....	Nevada	30	Wheeler.
Kaniken.....	Idaho	45	Do.	Rush.....	Minnesota	13	Land Office plat.
Kern and Buena Vista.....	California.....	44	Wheeler.	Saint Croix	Minnesota and Wisconsin.	16	Do.
Kissimee.....	Florida	60	Land Office map.	Saint Francis	Arkansas	61	Do.
Koahkonong.....	Wisconsin	15	Land Office plats.	Salvador.....	Louisiana	70	Do.
Lac des Allemande.....	Louisiana.....	15	Do.	Sehago.....	Maine	50	A.
Lake of the Woods.....	Minnesota	612	Do.	Sehec.....	do	14	A.
Leech.....	do	194	Land Office plat.	Sedgwick.....	do	15	A.
Lida.....	do	10	Do.	Seneca.....	New York.....	64	French's map.
Little.....	Louisiana.....	19	Do.	Shoshone.....	Wyoming	12	Hayden.
Little Klamath.....	Oregon and California.....	73	Land Office map.	Silver.....	Oregon	14	Land Office map.
Long.....	Maine	12	A.	Skaneateles.....	New York.....	12	French's map.
Long.....	Michigan	24	Land Office plat.	Spanish.....	Louisiana	12	Land Office plats.
Lower Klamath.....	Oregon	73	Land Office map.	Summer.....	Oregon	77	Land Office map.
Malheur.....	do	117	Do.	Swan.....	Minnesota	16	Land Office plats.
Mattamuskee.....	North Carolina.....	75	Coast Survey map.	Tahoe.....	California and Nevada.....	135	Wheeler.
Meddybemps.....	Maine	15	A.	Thompson.....	Dakota.....	14	Land Office map.
Memphremagog.....	Vermont.....	15	Colton's map.	Tohopekaliga.....	Florida	53	Do.
Mendota.....	Wisconsin	14	Land Office plat.	Torch.....	Michigan	34	Land Office plats.
Middle.....	California.....	47	Do.	Traversee.....	Minnesota and Dakota	30	Do.
Mille Lacs.....	Minnesota	198	Land Office plats.	Tulare.....	California.....	650	Do.
Millinoket.....	Maine	18	A.	Tyronza.....	Arkansas	12	Land Office plats.
Miltona.....	Minnesota	10	Land Office plats.	Umbagog.....	Maine.....	18	A.
Minnetonka.....	do	24	Do.	Upper.....	California.....	61	Do.
Manistique.....	Michigan	40	Do.	Upper Klamath.....	Oregon.....	163	Land Office map.
Mono.....	California.....	84	Wheeler.	Vermillion.....	Minnesota	63	Do.
Moosehead.....	Maine	120	A.	Verret.....	Louisiana	27	Land Office plats.
Mosquito Lagoon.....	Florida	43	Land Office plats.	Walker.....	Nevada	110	King.
Mullet.....	Michigan	45	Do.	Warners.....	Oregon	108	Land Office map.
Namekan.....	Minnesota	48	Land Office map.	Wenatchee.....	Washington	11	Do.
Nicoosukee.....	Florida	17	Land Office plat.	White Bear.....	Minnesota	12	Land Office plats.
Oneida.....	New York	77	French's map.	Whitefish.....	do	10	Do.
Osakie.....	Minnesota	11	Land Office plat.	Winnebago.....	Wisconsin	197	Do.
Otter Tail.....	do	22	Do.	Winnebigoashieh.....	Minnesota	78	Do.
Owasco.....	New York	14	French's map.	Winnemucca.....	Nevada	85	King.
Owens.....	California.....	115	Wheeler.	Worth.....	Florida	14	Land Office plats.
Paulina.....	Oregon	26	Land Office map.	Wright.....	California.....	14	Land Office map.
Pelican.....	Minnesota	25	Do.	Yellowstone.....	Wyoming	130	Hayden.
Pamedumcook.....	Maine	16	A.				
Pemidji.....	Minnesota	12	Land Office plat.				

"A" refers to Water-Power of Maine, by Mr. Walter Wells.

AREAS OF COUNTIES.

The areas of counties given in the following table are the results of direct measurements from the best county maps, corrected arbitrarily in order to make them add up to the areas of the states. In the states surveyed by the General Land Office, in which county lines follow the boundaries of survey townships, the areas are susceptible of being deduced with a great degree of accuracy. In other states, where the county lines are located by minor natural or artificial points, such as houses, fences, roads, or small streams, the probabilities are against their being correctly drawn on even the best maps, and the areas are correspondingly uncertain. This is the case in most of the states on the Atlantic border, with West Virginia, Kentucky, and Tennessee, in the interior.

Lakes mentioned in preceding list

Name *approximate*
 dimensions *area* 72

AREAS OF THE STATES AND TERRITORIES, BY COUNTIES.

ALABAMA.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
The State.....	51,540	Coffee.....	700	Hale.....	670	Montgomery.....	740
Autauga.....	660	Colbert.....	570	Henry.....	1,000	Morgan.....	700
Baldwin.....	1,620	Consel.....	840	Jackson.....	990	Perry.....	790
Barbour.....	860	Coosa.....	670	Jefferson.....	960	Pickens.....	1,000
Bibb.....	610	Covington.....	1,090	Lamar.....	590	Pike.....	740
Blount.....	700	Crenshaw.....	660	Lauderdale.....	700	Randolph.....	610
Bullock.....	660	Culman.....	590	Lawrence.....	790	Russell.....	670
Butler.....	800	Dale.....	650	Lee.....	610	Saint Clair.....	690
Calhoun.....	640	Dallas.....	980	Limestone.....	590	Shelby.....	780
Chambers.....	610	De Kalb.....	740	Lowndes.....	740	Sumter.....	1,000
Cherokee.....	660	Elmore.....	690	Madison.....	630	Talladega.....	700
Chilton.....	700	Escambia.....	1,000	Macon.....	810	Tallahassee.....	810
Choctaw.....	930	Etowah.....	520	Marion.....	960	Talapoosa.....	1,390
Clarke.....	1,160	Fayette.....	660	Marengo.....	810	Tascaloosa.....	880
Clay.....	610	Franklin.....	610	Marion.....	560	Walker.....	1,050
Cleburne.....	540	Geneva.....	590	Marshall.....	1,290	Washington.....	960
		Greene.....	520	Mohale.....	1,030	Wilcox.....	640
				Monroe.....		Winston.....	

ARIZONA.

The Territory.....	112,920	Maricopa.....	12,000	Pima.....	19,220	Yavapai.....	10,200
Apache.....	25,000	Mohave.....	10,800	Pinal.....	6,400	Yuma.....	29,300

ARKANSAS.

The State.....	53,045	Dallas.....	660	Lawrence.....	600	Polk.....	945
Arkansas.....	1,000	Desha.....	730	Lee.....	580	Pope.....	800
Ashley.....	950	Dorsey.....	600	Lincoln.....	540	Prairie.....	710
Baxter.....	500	Drew.....	840	Little River.....	530	Pulaski.....	810
Beaton.....	880	Faulkner.....	650	Logan.....	670	Randolph.....	640
Boone.....	640	Franklin.....	700	Louisa.....	760	Saint Francis.....	620
Bradley.....	700	Fulton.....	660	Madison.....	880	Saline.....	690
Calhoun.....	610	Garland.....	580	Marion.....	640	Scott.....	920
Carroll.....	700	Grant.....	650	Miller.....	690	Sevier.....	700
Chicot.....	840	Greene.....	640	Mississippi.....	810	Sebastian.....	570
Clark.....	950	Hempstead.....	730	Monroe.....	660	Servier.....	550
Clay.....	580	Hot Spring.....	690	Montgomery.....	840	Sharp.....	590
Columbia.....	860	Howard.....	630	Nevada.....	670	Stone.....	640
Conway.....	540	Independence.....	880	Newton.....	810	Union.....	1,000
Craighead.....	730	Izard.....	580	Ouachita.....	730	Van Buren.....	1,100
Crawford.....	620	Jackson.....	620	Perry.....	530	Washington.....	940
Crittenden.....	660	Jefferson.....	870	Phillips.....	620	White.....	1,100
Cross.....	620	Johnson.....	660	Pike.....	620	Woodruff.....	580
		La Fayette.....	490	Poinsett.....	760	Yell.....	900

CALIFORNIA.

The State.....	155,980	Inyo.....	8,120	Placer.....	1,480	Sierra.....	880
Alameda.....	660	Kern.....	8,160	Plumas.....	2,760	Siskiyou.....	5,660
Alpine.....	730	Lake.....	1,100	Sacramento.....	1,000	Solano.....	940
Amador.....	540	Lassen.....	5,000	San Benito.....	990	Sonoma.....	1,520
Butte.....	1,720	Los Angeles.....	4,750	San Bernardino.....	23,000	Stanislaus.....	1,420
Calaveras.....	980	Marin.....	580	San Diego.....	14,600	Sutter.....	580
Colusa.....	2,500	Mariposa.....	1,560	San Francisco.....	40	Tebama.....	3,060
Contra Costa.....	800	Mendocino.....	3,780	San Joaquin.....	1,360	Trinity.....	2,490
Del Norte.....	1,540	Merced.....	2,280	San Luis Obispo.....	3,460	Tulare.....	5,610
El Dorado.....	1,800	Modoc.....	4,260	San Mateo.....	440	Tuolumne.....	1,980
Fresno.....	8,000	Mono.....	3,400	Santa Barbara.....	2,200	Ventura.....	1,690
Humboldt.....	3,750	Monterey.....	3,520	Santa Clara.....	1,400	Yolo.....	940
		Napa.....	840	Santa Cruz.....	420	Yuba.....	700
		Nevada.....	990	Shasta.....	4,000		

AREAS OF THE STATES AND TERRITORIES.

COLORADO.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
The State.....	103,645	Costilla.....	1,800	Hinsdale.....	1,440	Park.....	2,300
Arapahoe.....	5,000	Custer.....	860	Huerfano.....	1,600	Pueblo.....	2,600
Bent.....	9,240	Douglas.....	840	Jefferson.....	800	Rio Grande.....	1,500
Boulder.....	860	Elbert.....	6,200	Lako.....	450	Routt.....	6,000
Chaffee.....	1,235	El Paso.....	2,760	La Plata.....	4,500	Saguache.....	4,500
Clear Creek.....	460	Fremont.....	1,600	Larimer.....	2,500	San Juan.....	560
Conejos.....	2,300	Gilpin.....	180	Las Animas.....	7,000	Summit.....	9,000
		Grand.....	4,000	Ouray.....	2,500	Weld.....	10,000
		Gunnison.....	9,000				

CONNECTICUT.

The State.....	4,845	Hartford.....	650	New Haven.....	650	Tolland.....	375
Fairfield.....	560	Litchfield.....	760	New London.....	780	Windham.....	630
		Middlesex.....	440				

DAKOTA.*

The Territory.....	147,700	Day.....	1,440	La Moure.....	2,010	Renville.....	1,760
Aurora.....	1,160	Delano.....	2,160	Lawrence.....	2,260	Richland.....	1,300
Barnea.....	1,500	Deuel.....	630	Lincoln.....	540	Rolette.....	1,760
Beadle.....	1,270	De Smet.....	1,220	Logan.....	2,110	Rusk.....	1,870
Billings.....	3,490	Douglas.....	360	Lugenbeel.....	2,910	Shannon.....	2,500
Bonhomme.....	550	Edmunds.....	1,250	Lyman.....	570	Sheridan.....	1,510
Boreman.....	2,460	Emmons.....	1,550	McCook.....	570	Spink.....	1,580
Bottineau.....	1,770	Faulk.....	1,150	McHenry.....	1,510	Stanley.....	640
Brookings.....	810	Forsyth.....	1,360	McPherson.....	1,250	Stark.....	2,730
Brown.....	1,730	Foster.....	1,520	Mandan.....	1,440	Stevens.....	3,090
Brulé.....	680	Gingras.....	1,520	Mercer.....	930	Stutsman.....	2,010
Buffalo.....	760	Grand Forks.....	2,700	Meyer.....	1,440	Sully.....	1,690
Burleigh.....	2,980	Grant.....	950	Miner.....	1,150	Todd.....	860
Campbell.....	870	Gregory.....	930	Minnehaha.....	890	Tripp.....	1,940
Case.....	1,700	Hamlin.....	720	Moody.....	500	Turner.....	2,150
Cavileer.....	1,770	Hand.....	1,440	Morton.....	2,590	Union.....	460
Charles Mix.....	1,160	Hanson.....	430	Mountraille.....	3,060	Wallette.....	3,530
Cheyenne.....	2,960	Howard.....	4,500	Pembina.....	2,510	Walworth.....	970
Clark.....	1,290	Hughes.....	1,000	Pennington.....	1,180	White River.....	1,080
Clay.....	400	Hutchinson.....	750	Potter.....	1,040	Williams.....	2,190
Codington.....	680	Hyde.....	410	Pratt.....	1,440	Yankton.....	500
Custer.....	1,990	Kidder.....	1,440	Resno.....	1,540	Ziebach.....	930
Davison.....	430	Kingsbury.....	800	Ransom.....	1,510		
		Lake.....	570				

* Part of the area is embraced in Indian reservations.

DELAWARE.

The State.....	1,960	Kent.....	630	New Castle.....	430	Sussex.....	900

FLORIDA.

The State.....	54,240	Duval.....	900	Leon.....	900	Putnam.....	860
Alachua.....	1,260	Escambia.....	720	Levy.....	940	Saint John's.....	1,000
Baker.....	500	Franklin.....	690	Liberty.....	800	Santa Rosa.....	1,260
Bradford.....	550	Gadsden.....	540	Madison.....	850	Sumter.....	1,380
Brevard.....	4,390	Hamilton.....	540	Manatee.....	4,680	Swannee.....	660
Calhoun.....	1,160	Hernando.....	1,700	Marion.....	1,680	Taylor.....	1,080
Clay.....	640	Hillsborough.....	1,300	Monroe.....	2,600	Volusia.....	1,340
Columbia.....	860	Holmes.....	540	Nassau.....	640	Wakulla.....	580
Dade.....	7,200	Jackson.....	1,000	Orange.....	2,250	Walton.....	1,360
		Jefferson.....	560	Polk.....	2,060	Washington.....	1,330
		Lafayette.....	940				

GEORGIA.

The State.....	58,980	Charlton.....	1,060	Dooly.....	780	Habersham.....	400
Appling.....	1,080	Chatham.....	400	Dougherty.....	340	Hall.....	540
Baker.....	340	Chattahoochee.....	220	Douglas.....	190	Hancock.....	520
Baldwin.....	240	Chattooga.....	400	Early.....	510	Haralson.....	330
Banks.....	320	Cherokee.....	470	Echols.....	400	Harris.....	470
Bartow.....	500	Clarke.....	180	Effingham.....	420	Hart.....	330
Berrien.....	760	Clay.....	200	Elbert.....	448	Heard.....	290
Bibb.....	240	Clayton.....	140	Emanuel.....	1,040	Henry.....	400
Brooks.....	530	Clinch.....	900	Fannin.....	390	Houston.....	560
Bryan.....	400	Cobb.....	400	Fayette.....	220	Irwin.....	680
Bulloch.....	900	Coffee.....	980	Floyd.....	540	Jackson.....	360
Burke.....	1,030	Colquitt.....	550	Forsyth.....	250	Jasper.....	380
Butts.....	180	Columbia.....	290	Franklin.....	330	Jefferson.....	620
Calhoun.....	280	Coweta.....	440	Fulton.....	200	Johnson.....	260
Camden.....	620	Crawford.....	340	Gilmer.....	480	Jones.....	470
Campbell.....	240	Dade.....	180	Glascok.....	190	Laurens.....	740
Carroll.....	540	Dawson.....	180	Glynn.....	430	Lee.....	360
atoosa.....	160	Decatur.....	1,160	Gordon.....	360	Liberty.....	720
		De Kalb.....	280	Greene.....	340	Lincoln.....	280
		Dodge.....	580	Gwinnett.....	470	Lowndes.....	470

AREAS OF THE STATES AND TERRITORIES.

GEORGIA—Continued.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
Lumpkin.....	290	Newton.....	260	Schley.....	180	Union.....	330
McDuffie.....	330	Oconee.....	160	Scriven.....	720	Upson.....	310
McIntosh.....	530	Oglethorpe.....	510	Spalding.....	220	Walker.....	440
Macon.....	360	Paulding.....	340	Stewart.....	440	Walton.....	400
Madison.....	300	Pickens.....	230	Sumter.....	520	Ware.....	620
Marion.....	360	Pierce.....	540	Talbot.....	360	Warren.....	290
Meriwether.....	490	Pike.....	290	Taliaferro.....	180	Washington.....	680
Miller.....	240	Polk.....	330	Tattall.....	1,100	Wayne.....	740
Milton.....	110	Pulaski.....	470	Taylor.....	400	Webster.....	230
Mitchell.....	500	Putnam.....	360	Telfair.....	420	White.....	180
Monroe.....	470	Quitman.....	160	Terrell.....	320	Whitfield.....	330
Montgomery.....	720	Rahun.....	400	Thomas.....	780	Wilcox.....	500
Morgan.....	400	Randolph.....	400	Towns.....	180	Wilkes.....	460
Murray.....	420	Richmond.....	320	Troup.....	430	Wilkinson.....	440
Muscogee.....	210	Rockdale.....	120	Twiggs.....	330	Worth.....	710

IDAHO.

The Territory.....	84,290	Alturas.....	19,180	Idaho.....	10,100	Oneida.....	12,310
		Bear Lake.....	1,300	Kootenai.....	5,530	Owyhee.....	8,130
		Boise.....	3,300	Lemhi.....	5,530	Shoshone.....	5,950
Ada.....	2,760	Caseia.....	3,800	Nez Percé.....	3,400	Washington.....	3,000

ILLINOIS.

The State.....	56,000	Bfingham.....	490	Lawrence.....	330	Pulaski.....	199
Adams.....	830	Fayette.....	720	Lee.....	740	Putnam.....	170
Alexander.....	230	Ford.....	490	Livingston.....	1,040	Randolph.....	568
Bond.....	380	Franklin.....	430	Logan.....	620	Richland.....	380
Boone.....	290	Fulton.....	870	McDonough.....	580	Rock Island.....	420
Brown.....	300	Gallatin.....	340	McHenry.....	650	Saint Clair.....	680
Bureau.....	870	Greene.....	530	McLean.....	1,150	Saline.....	380
Calhoun.....	260	Grundy.....	440	Macon.....	580	Sangamon.....	860
Carroll.....	440	Hamilton.....	440	Macoupin.....	880	Schuyler.....	430
Cass.....	360	Hancock.....	780	Madison.....	740	Scott.....	250
Champaign.....	1,000	Hardin.....	180	Marion.....	530	Shelby.....	760
Christian.....	690	Henderson.....	380	Marshall.....	400	Stark.....	290
Clark.....	510	Henry.....	830	Massac.....	550	Stephenson.....	500
Clay.....	470	Iroquois.....	1,100	Massac.....	240	Tazewell.....	650
Clinton.....	520	Jackson.....	580	Menard.....	320	Union.....	400
Coles.....	520	Jasper.....	470	Mercer.....	540	Vermillion.....	1,000
Cook.....	960	Jefferson.....	580	Monroe.....	380	Wabash.....	220
Crawford.....	470	Jersey.....	360	Montgomery.....	740	Warren.....	540
Cumberland.....	350	Jo Daviess.....	650	Morgan.....	580	Washington.....	540
De Kalb.....	650	Johnson.....	340	Moultrie.....	340	Wayne.....	720
De Witt.....	440	Kane.....	540	Ogle.....	780	White.....	500
Douglas.....	410	Kankakee.....	680	Peoria.....	630	Whiteside.....	700
Du Page.....	340	Kendall.....	350	Perry.....	440	Will.....	850
Edgar.....	630	Knox.....	720	Piatt.....	440	Williamson.....	440
Edwards.....	220	Lake.....	490	Pike.....	810	Winnebago.....	540
		La Salle.....	1,080	Pope.....	360	Woodford.....	540

INDIANA.

The State.....	35,910	Floyd.....	140	La Porte.....	540	Rueh.....	400
Adams.....	330	Fountain.....	390	Lawrence.....	440	Saint Joseph.....	470
Allen.....	650	Franklin.....	400	Madison.....	450	Scott.....	190
Bartholomew.....	400	Fulton.....	380	Marion.....	400	Shelby.....	400
Benton.....	380	Gibson.....	490	Marshall.....	430	Spencer.....	390
Blackford.....	170	Grant.....	420	Martin.....	340	Starke.....	300
Boone.....	420	Greene.....	540	Miami.....	360	Steuben.....	330
Brown.....	380	Hamilton.....	400	Monroe.....	430	Sullivan.....	440
Carroll.....	370	Hancock.....	330	Montgomery.....	470	Switzerland.....	230
Cass.....	420	Harrison.....	470	Morgan.....	430	Tippacanoe.....	500
Clark.....	400	Hendricks.....	400	Newton.....	400	Tipton.....	260
Clay.....	360	Henry.....	400	Noble.....	420	Union.....	170
Clinton.....	400	Howard.....	300	Ohio.....	90	Vanderburgh.....	230
Crawford.....	270	Huntington.....	380	Orange.....	400	Vermillion.....	270
Daviess.....	430	Jackson.....	510	Owen.....	390	Vigo.....	410
Dearborn.....	300	Jasper.....	570	Parke.....	440	Wabash.....	430
Decatur.....	380	Jay.....	420	Perry.....	380	Warren.....	360
De Kalb.....	370	Jefferson.....	370	Pike.....	330	Warrick.....	390
Delaware.....	400	Jennings.....	380	Porter.....	410	Washington.....	500
Dnbois.....	410	Johnson.....	320	Posey.....	410	Wayne.....	390
Elkhart.....	470	Knox.....	510	Pulaski.....	430	Wells.....	370
Fayette.....	210	Kosciusko.....	570	Putnam.....	490	White.....	500
		Lagrange.....	400	Randolph.....	460	Whitley.....	330
		Lake.....	500	Ripley.....	450		

IOWA.

The State.....	55,475	*Andubon.....	432	Butler.....	576	Chickasaw.....	500
Adair.....	576	Benton.....	720	Calhoun.....	576	Clarke.....	432
*Adams.....	432	*Black Hawk.....	576	Carroll.....	576	Clay.....	576
Allamakee.....	600	*Boone.....	576	Cass.....	576	Clayton.....	740
Appanoose.....	500	*Bremer.....	432	Cedar.....	576	Clinton.....	680
		*Buchanan.....	576	Cerro Gordo.....	576	Crawford.....	720
		*Bnena Vista.....	576	Cherokee.....	576	Dallas.....	576

AREAS OF THE STATES AND TERRITORIES.

IOWA—Continued.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
Davis	500	Howard	500	Marshall	576	Scott	440
Decatur	520	Humboldt	432	Mills	420	Shelby	576
Delaware	576	Ida	432	Mitchell	480	Sioux	720
Des Moines	400	Iowa	576	Monona	684	Story	576
Dickinson	400	Jackson	610	Monroe	432	Tama	720
Dubuque	600	Jasper	720	Montgomery	432	Taylor	540
Emmet	400	Jefferson	432	Muscatine	432	Union	430
Fayette	720	Johnson	576	O'Brien	576	Van Buren	480
Floyd	500	Jones	576	Oceola	432	Wapello	430
Franklin	576	Keokuk	576	Page	540	Warren	576
Fremont	500	Koosuth	972	Palo Alto	576	Washington	576
Greene	576	Lee	486	Plymouth	820	Wayne	525
Grundy	500	Linn	720	Pocahontas	576	Webster	720
Guthrie	576	Louisa	360	Polk	576	Winnebago	400
Hamilton	576	Lucas	432	Pottawattamie	900	Winneshek	720
Hancock	576	Lyon	612	Poweshiek	576	Woodbury	800
Hardin	576	Madison	576	Ringgold	640	Worth	400
Harrison	630	Mahaska	576	Sac	576	Wright	576
Henry	432	Marion	576				

KANSAS.

The State	81,700	Counties	Area	Counties	Area	Counties	Area
Allen	504	Doniphan	378	Leavenworth	450	Riley	600
Anderson	576	Douglas	456	Lincoln	720	Rooks	900
Arapahoe	576	Edwards	972	Linn	576	Rush	720
Atchison	400	Elk	650	Lyon	850	Russell	900
Barbour	1,150	Ellie	900	McPherson	720	Saline	720
Barton	900	Elleworth	720	Marion	900	Scott	720
Bourbon	650	Foote	720	Marshall	900	Sedgwick	1,000
Brown	576	Ford	1,080	Meade	936	Sequoyah	864
Buffalo	576	Franklin	576	Miami	576	Seward	648
Butler	1,428	Gove	720	Mitchell	720	Shawnee	576
Chase	744	Graham	900	Montgomery	648	Sheridan	720
Chautauqua	650	Grant	576	Morris	684	Sherman	1,080
Cherokee	576	Greeley	792	Nemaha	720	Smith	900
Cheyenne	1,020	Greenwood	1,152	Neosho	576	Stafford	792
Clark	1,188	Hamilton	900	Nees	1,080	Stanton	696
Clay	660	Harper	810	Norton	900	Stevens	648
Cloud	720	Harvey	540	Osage	720	Sumner	1,188
Coffey	648	Hodgeman	864	Osborne	900	Thomas	864
Comanche	1,170	Jackson	640	Ottawa	720	Trego	900
Cowley	1,116	Jefferson	550	Pawnee	756	Wabawsee	796
Crawford	580	Jewell	900	Phillips	900	Wallace	2,556
Davis	392	Johnson	450	Pottawattomie	850	Washington	900
Decatur	900	Kansas	810	Pratt	720	Wichita	720
Dickinson	840	Kearney	864	Rawlins	1,080	Wilson	676
		Kingman	864	Reno	1,260	Woodson	504
		Labette	670	Republic	720	Wyandotte	160
		Lane	756	Rice	720		

KENTUCKY.

The State	40,000	Counties	Area	Counties	Area	Counties	Area
Adair	400	Daviess	450	Kenton	150	Nicholas	540
Allen	300	Edmonson	280	Knox	400	Ohio	270
Anderson	180	Elliott	220	La Rue	300	Oldham	360
Ballard	420	Estill	300	Laurel	620	Owen	250
Barron	500	Fayette	300	Lawrence	500	Owsley	280
Bath	290	Fleming	340	Lee	120	Pendleton	400
Bell	190	Floyd	500	Leslie	300	Perry	400
Boone	300	Franklin	200	Letcher	300	Pike	140
Bourbon	300	Fulton	200	Lewis	960	Powell	640
Boyd	250	Gallatin	150	Lincoln	300	Pulaski	120
Eoyle	180	Garrard	250	Livingston	280	Robertson	300
Bracken	200	Grant	200	Logan	590	Rockcastle	300
Breathitt	450	Graves	590	Lyon	300	Rowan	300
Breckinridge	500	Grayson	590	McCracken	330	Russell	300
Bullitt	300	Green	300	McLean	230	Scott	240
Butler	370	Greenup	380	Madison	440	Shelby	400
Caldwell	310	Hancock	200	Magoffin	300	Simpson	400
Calloway	450	Hardin	300	Marion	330	Spencer	250
Campbell	120	Harlan	410	Marshall	350	Taylor	280
Carroll	160	Harrison	380	Martin	230	Todd	350
Carter	790	Hart	400	Mason	330	Trigg	420
Casey	300	Henderson	450	Meade	80	Trimble	150
Christian	590	Henry	260	Menifee	300	Union	350
Clark	210	Hickman	240	Mercer	400	Warren	550
Clay	420	Hopkins	450	Metcalfe	440	Washington	300
Clinton	200	Jackson	300	Monroe	200	Wayne	430
Crittenden	420	Jefferson	430	Montgomery	260	Webster	280
Cumberland	500	Jessamine	300	Morgan	400	Whitley	560
		Josh Bell	190	Muhlenburgh	600	Wolfe	190
		Johnson	360	Nelson	250	Woodford	200

LOUISIANA.

The State	45,420	Counties	Area	Counties	Area	Counties	Area
Ascension	373	Bossier	773	Concordia	680	Iberia	582
Assumption	327	Caddo	852	De Soto	856	Iberville	646
Avoyelles	852	Calcasieu	3,400	East Baton Rouge	442	Jackson	590
Bienville	856	Caldwell	595	East Carroll	400	Jefferson	395
		Cameron	1,545	East Feliciana	483	La Fayette	262
		Catahoula	1,378	Franklin	596	Lafourche	1,024
		Claiborne	796	Grant	642	Lincoln	485

LOUISIANA—Continued.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
Livingston.....	600	Red River.....	386	Saint Landry.....	2, 276	Vermillion.....	1, 226
Madison.....	672	Richland.....	578	Saint Martin.....	618	Vernon.....	1, 540
Morshouse.....	842	Sabine.....	1, 008	Saint Mary.....	648	Washington.....	668
Natchitoches.....	1, 290	Saint Bernard.....	680	Saint Tammany.....	923	Webster.....	612
Orleans.....	187	Saint Charles.....	284	Tangipahoa.....	790	West Baton Rouge.....	210
Ouachita.....	640	Saint Helena.....	423	Tensas.....	612	West Carroll.....	380
Plaquemines.....	930	Saint James.....	308	Terrebonne.....	1, 806	West Feliciana.....	370
Point Coupée.....	575	Saint John Baptist.....	190	Union.....	910	Winn.....	970
Rapides.....	1, 498						

MAINE.

The State.....	29, 895	Cumberland.....	1, 000	Lincoln.....	525	Somerset.....	3, 510
Androscoggin.....	475	Franklin.....	1, 600	Oxford.....	1, 900	Waldo.....	810
Aroostook.....	7, 200	Hancock.....	1, 650	Penobscot.....	2, 900	Washington.....	2, 480
		Kennebec.....	875	Piscataquis.....	3, 600	York.....	785
		Knox.....	325	Sagadahoc.....	260		

MARYLAND.

The State.....	9, 860	Caroline.....	300	Harford.....	420	Saint Mary's.....	400
Allegany.....	520	C Carroll.....	430	Howard.....	200	Somerset.....	460
Anne Arundel.....	390	Cecil.....	470	Kent.....	310	Talbot.....	280
Baltimore.....	600	Charles.....	450	Montgomery.....	500	Washington.....	460
Calvert.....	220	Dorchester.....	630	Prince George's.....	500	Wicomico.....	360
		Frederick.....	620	Queen Anne.....	420	Worcester.....	320
		Garrett.....	600				

MASSACHUSETTS.

The State.....	8, 040	Bristol.....	530	Hampden.....	670	Norfolk.....	530
Barnstable.....	290	Dukes.....	120	Hampshire.....	540	Plymouth.....	725
Berkshire.....	1, 000	Essex.....	500	Middlesex.....	830	Suffolk.....	15
		Franklin.....	680	Nantucket.....	60	Worcester.....	1, 550

MICHIGAN.

The State.....	57, 430	Delta.....	1, 100	Lapeer.....	660	Oceana.....	540
Alcona.....	700	Easton.....	580	Leelanaw.....	360	Ogemaw.....	570
Allegan.....	830	Emmet.....	460	Lenawee.....	750	Ontonagon.....	2, 540
Alpena.....	580	Genesee.....	640	Livingston.....	580	Oscoda.....	580
Antrim.....	540	Gladwin.....	540	Mackinac.....	1, 100	Oscoda.....	580
Baraga.....	900	Grand Traverse.....	460	Macomb.....	480	Otsego.....	540
Barry.....	580	Grafton.....	580	Manistee.....	550	Ottawa.....	540
Bay.....	820	Hillsdale.....	610	Manitou.....	200	Presque Isle.....	750
Benzie.....	340	Houghton.....	1, 000	Marquette.....	3, 400	Roscommon.....	580
Berrien.....	580	Huron.....	750	Mason.....	500	Saginaw.....	840
Branch.....	500	Ingham.....	560	Mecosta.....	580	Saint Clair.....	720
Calhoun.....	720	Ionia.....	580	Memominee.....	1, 400	Saint Joseph.....	520
Cass.....	500	Iosco.....	680	Midland.....	530	Sanilac.....	960
Charlevoix.....	350	Isabella.....	580	Misaukee.....	580	Schoolcraft.....	2, 030
Cheboygan.....	860	Isc Bay.....	230	Monroe.....	500	Shiawassee.....	540
Chippewa.....	2, 000	Jackson.....	720	Montcalm.....	720	Tuacola.....	830
Clare.....	580	Kalamazoo.....	580	Montmorency.....	580	Van Buren.....	620
Clinton.....	580	Kalkaska.....	680	Muskegon.....	520	Washtenaw.....	720
Crawford.....	580	Kent.....	860	Newaygo.....	860	Wayne.....	608
		Keweenaw.....	360	Oakland.....	900	Wexford.....	580
		Lake.....	580				

MINNESOTA.

The State.....	79, 205	Dodge.....	430	McLeod.....	500	Rock.....	470
Aitkin.....	1, 900	Douglas.....	720	Marshall.....	1, 980	Saint Louis.....	6, 000
Anoka.....	450	Faribault.....	720	Martin.....	720	Scott.....	400
Becker.....	1, 440	Fillmore.....	860	Meeker.....	630	Sherburne.....	450
Beframi.....	5, 000	Freeborn.....	720	Mille Lacs.....	580	Sibley.....	580
Benton.....	390	Goodhue.....	760	Morrisou.....	1, 150	Stearns.....	1, 350
Big Stone.....	500	Grant.....	580	Mower.....	720	Steele.....	430
Blue Earth.....	750	Hennepin.....	610	Murray.....	720	Stevens.....	580
Brown.....	600	Houston.....	580	Nicollet.....	460	Swift.....	580
Carlton.....	560	Iaanti.....	420	Nobles.....	720	Todd.....	1, 000
Carver.....	360	Itasca.....	5, 000	Olmsted.....	660	Traverse.....	560
Cass.....	4, 000	Jackson.....	720	Otter Tail.....	2, 200	Wabasha.....	540
Chippewa.....	580	Kanabec.....	540	Pine.....	1, 400	Wadena.....	540
Chisago.....	430	Kandiyohi.....	860	Pipe Stone.....	460	Waseca.....	430
Clay.....	1, 000	Kittson.....	2, 265	Polk.....	400	Washington.....	400
Cook.....	460	Lac-qui-parle.....	680	Pope.....	720	Watsonwan.....	430
Cottonwood.....	640	Lako.....	3, 000	Ramsey.....	180	Wilkin.....	830
Crow Wing.....	580	Le Sueur.....	460	Redwood.....	900	Winona.....	660
Dakota.....	600	Lincoln.....	430	Renville.....	900	Wright.....	700
		Lyon.....	720	Rice.....	520	Yellow Medicine.....	540

AREAS OF THE STATES AND TERRITORIES.

MISSISSIPPI.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
The State.....	46,340	Franklin.....	560	Le Flors.....	610	Scott.....	580
Adams.....	410	Greene.....	790	Lincoln.....	580	Sharkey.....	540
Alcorn.....	400	Grenada.....	440	Lowndes.....	500	Simpson.....	580
Amits.....	720	Hancock.....	940	Madison.....	720	Smith.....	600
Attala.....	720	Harrison.....	1,000	Marion.....	1,500	Sumner.....	400
Benton.....	360	Hinds.....	800	Marshall.....	720	Sun Flower.....	720
Bolivar.....	900	Holmes.....	750	Monroe.....	790	Tallahatchee.....	640
Calhoun.....	580	Issaquena.....	390	Montgomery.....	430	Tate.....	390
Carroll.....	640	Itawamba.....	550	Neshoba.....	580	Tippah.....	450
Chiokasaw.....	500	Jackson.....	1,140	Newton.....	580	Tishomingo.....	450
Choctaw.....	270	Jasper.....	680	Noxubee.....	680	Tunica.....	440
Claiborne.....	460	Jefferson.....	510	Oktibbeha.....	430	Union.....	360
Clarke.....	650	Jones.....	680	Panola.....	680	Warren.....	600
Clay.....	400	Kemper.....	750	Perry.....	1,000	Washington.....	900
Coahoma.....	500	La Fayette.....	720	Pike.....	720	Wayne.....	790
Copiah.....	750	Lauderdale.....	680	Pontotoc.....	530	Wilkinson.....	650
Covington.....	580	Lawrence.....	620	Prentiss.....	410	Winston.....	690
De Soto.....	460	Leake.....	580	Quitman.....	400	Yalabusha.....	460
		Lee.....	540	Rankin.....	800	Yazoo.....	1,000

MISSOURI.

The State.....	68,735	Crawford.....	720	Lincoln.....	590	Putnam.....	540
Adair.....	570	Dade.....	500	Linn.....	620	Ralls.....	600
Andrew.....	420	Dallas.....	530	Livingston.....	520	Randolph.....	470
Atchison.....	580	Davies.....	580	McDonald.....	570	Ray.....	580
Audrain.....	690	De Kalb.....	450	Macon.....	830	Reynolds.....	760
Barry.....	800	Dent.....	720	Madison.....	500	Ripley.....	620
Barton.....	580	Douglas.....	800	Marion.....	520	Saint Charles.....	520
Bates.....	900	Dunklin.....	500	Marion.....	420	Saint Clair.....	690
Benton.....	750	Franklin.....	870	Mercer.....	500	Saint Francois.....	400
Bollinger.....	540	Gasconade.....	510	Miller.....	580	Saint Genevieve.....	440
Boone.....	680	Gentry.....	500	Mississippi.....	430	Saint Louis.....	560
Buchanan.....	420	Greene.....	650	Moniteau.....	430	Saline.....	760
Butler.....	580	Grundy.....	460	Monroe.....	650	Schuyler.....	340
Caldwell.....	440	Harrison.....	750	Montgomery.....	560	Scotland.....	450
Callaway.....	760	Henry.....	760	Morgan.....	650	Scott.....	440
Camden.....	720	Hickory.....	410	New Madrid.....	620	Shannon.....	1,000
Cape Girardeau.....	540	Holt.....	470	Newton.....	650	Shelby.....	520
Carroll.....	690	Howard.....	450	Nodaway.....	790	Stoddard.....	850
Carter.....	500	Howell.....	920	Oregon.....	740	Stone.....	520
Cass.....	690	Iron.....	550	Osage.....	580	Sullivan.....	660
Cedar.....	490	Jackson.....	600	Ozark.....	740	Taney.....	800
Chariton.....	740	Jasper.....	680	Pemiscot.....	480	Texas.....	1,145
Christian.....	540	Jefferson.....	650	Perry.....	440	Vernon.....	830
Clark.....	500	Johnson.....	800	Pettis.....	680	Warren.....	430
Clay.....	410	Knox.....	520	Phelps.....	650	Washington.....	800
Clinton.....	450	Laclade.....	750	Pike.....	620	Wayne.....	720
Cole.....	400	La Fayette.....	630	Platte.....	410	Webster.....	650
Cooper.....	560	Lawrence.....	620	Polk.....	640	Worth.....	280
		Lewis.....	520	Pulaski.....	520	Wright.....	720

MONTANA.

The Territory.....	145,310	Custer.....	36,500	Gallatin.....	6,000	Madison.....	4,900
Beaver Head.....	4,230	Dawson.....	18,000	Jefferson.....	1,900	Meagher.....	16,000
Choteau.....	27,380	Deer Lodge.....	6,500	Lewis and Clarks.....	2,900	Missoula.....	21,000

NEBRASKA.*

The State.....	76,185	Dixon.....	468	Jefferson.....	576	Red Willow.....	720
Adams.....	576	Dodge.....	500	Johnson.....	400	Richardson.....	540
Antelope.....	864	Douglas.....	360	Kearney.....	576	Saline.....	576
Boone.....	864	Dundy.....	900	Keith.....	2,000	Sarpy.....	230
Buffalo.....	882	Fillmore.....	576	Knox.....	1,040	Saunders.....	756
Burt.....	468	Franklin.....	576	Lancaster.....	864	Seward.....	576
Butler.....	590	Frontier.....	972	Lincoln.....	2,590	Sherman.....	576
Cass.....	500	Furnas.....	720	Madison.....	576	Sioux.....	21,070
Cedar.....	790	Gage.....	860	Marrick.....	400	Stanton.....	576
Chass.....	900	Gosper.....	468	Nance.....	430	Taylor.....	576
Cheyenne.....	6,840	Greelsy.....	576	Nemaha.....	400	Thayer.....	576
Clay.....	576	Hall.....	576	Nuckolls.....	576	Valley.....	576
Colfax.....	400	Hamilton.....	576	Otoe.....	648	Washington.....	390
Cuming.....	340	Harlan.....	576	Pawnee.....	432	Wayne.....	444
Custer.....	2,590	Hayes.....	720	Phelps.....	576	Webster.....	576
Dakota.....	280	Hitchcock.....	720	Pierce.....	540	Wheeler.....	1,150
Dawson.....	1,000	Holt.....	2,440	Platte.....	684	York.....	576
		Howard.....	576	Polk.....	450		

* Part of the area is embraced in Indian reservations.

NEVADA.

The State.....	109,740	Elko.....	8,000	Lincoln.....	19,000	Roop.....	5,200
Churchill.....	6,400	Esmeralda.....	5,500	Lyon.....	450	Storey.....	470
Douglas.....	790	Eureka.....	4,500	Nye.....	24,000	Washoe.....	1,150
		Humboldt.....	18,000	Ormsby.....	180	White Pine.....	9,400
		Lander.....	6,700				

AREAS OF THE STATES AND TERRITORIES.

NEW HAMPSHIRE.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
The State.....	9,005	Carroll.....	780	Grafton.....	1,525	Rockingham.....	740
Belknap.....	400	Cheshire.....	780	Hillsborough.....	980	Stafford.....	320
		Cooe.....	1,980	Merrimack.....	920	Sullivan.....	580

NEW JERSEY.

The State.....	7,455	Camden.....	270	Hunterdon.....	420	Passaic.....	190
Atlantic.....	620	Cape May.....	250	Mercer.....	220	Salem.....	340
Bergen.....	220	Cumberland.....	500	Middlesex.....	300	Somerset.....	300
Burlington.....	860	Essex.....	125	Monmouth.....	450	Sussex.....	500
		Gloucester.....	250	Morris.....	480	Union.....	110
		Hudson.....	40	Ocean.....	670	Warren.....	340

NEW MEXICO.

The Territory.....	122,460	Colfax.....	6,600	Mora.....	4,000	Socorro.....	17,800
Bernalillo.....	8,200	Dofia Aña.....	21,000	Rio Arriba.....	7,160	Taos.....	8,000
		Grant.....	9,500	San Miguel.....	14,500	Valencia.....	9,400
		Lincoln.....	14,800	Santa Fé.....	1,500		

NEW YORK.

The State.....	47,620	Albany.....	490	Niagara.....	500	Schoharie.....	650
Albany.....	490	Allegany.....	1,050	Oneida.....	1,200	Schnyler.....	400
Allegany.....	1,050	Broome.....	690	Ontondaga.....	820	Seneca.....	340
Broome.....	690	Cattaraugus.....	1,350	Ontario.....	680	Staten.....	1,500
Cattaraugus.....	1,350	Cayuga.....	760	Orange.....	800	Suffolk.....	750
Cayuga.....	760	Chautauque.....	1,000	Orleans.....	400	Sullivan.....	900
Chautauque.....	1,000	Chemung.....	440	Oswego.....	960	Tioga.....	500
Chemung.....	440	Chenango.....	890	Otsego.....	950	Tompkins.....	500
Chenango.....	890	Clinton.....	1,000	Putnam.....	240	Ulster.....	1,150
Clinton.....	1,000	Columbia.....	690	Queens.....	290	Warren.....	940
Columbia.....	690	Cortland.....	480	Rensselaer.....	650	Washington.....	800
Cortland.....	480	Delaware.....	1,550	Richmond.....	60	Wayne.....	630
Delaware.....	1,550	Duochess.....	620	Rockland.....	200	Westchester.....	500
Duochess.....	620			Saint Lawrence.....	2,900	Wyoming.....	600
				Saratoga.....	800	Yates.....	330
				Schenectady.....	200		

NORTH CAROLINA.

The State.....	48,580	Alamance.....	430	Jackson.....	920	Polk.....	300
Alamance.....	430	Alexander.....	300	Johnston.....	670	Randolph.....	720
Alexander.....	300	Alleghany.....	300	Jones.....	450	Richmond.....	860
Alleghany.....	300	Anson.....	500	Lenoir.....	420	Robeson.....	950
Anson.....	500	Ash.....	450	Lincoln.....	270	Rockingham.....	550
Ash.....	450	Beaufort.....	720	McDowell.....	440	Rowan.....	450
Beaufort.....	720	Bertie.....	720	Macon.....	650	Rutherford.....	470
Bertie.....	720	Bladen.....	900	Madison.....	450	Sampson.....	840
Bladen.....	900	Brunswick.....	950	Martin.....	500	Stanley.....	360
Brunswick.....	950	Buncombe.....	620	Mecklenburg.....	680	Stokes.....	500
Buncombe.....	620	Burke.....	400	Mitchell.....	240	Surry.....	500
Burke.....	400	Cabarrus.....	400	Montgomery.....	570	Swain.....	420
Cabarrus.....	400	Caldwell.....	450	Moore.....	800	Transylvania.....	330
Caldwell.....	450	Camden.....	280	Nash.....	520	Tyrrell.....	320
Camden.....	280	Carteret.....	520	New Hanover.....	80	Union.....	640
Carteret.....	520	Caeswell.....	400	Northampton.....	510	Wake.....	950
Caeswell.....	400	Catawba.....	370	Onslow.....	640	Warren.....	430
Catawba.....	370	Chatham.....	800	Orange.....	670	Washington.....	350
Chatham.....	800	Cherokee.....	500	Pamlico.....	860	Watauga.....	460
Cherokee.....	500	Chowan.....	240	Pasquotank.....	240	Wayne.....	500
Chowan.....	240	Clay.....	160	Pender.....	800	Wilkes.....	700
Clay.....	160	Cleaveland.....	420	Perquimans.....	220	Wilson.....	350
Cleaveland.....	420			Person.....	400	Yadkin.....	320
				Pitt.....	820	Yancey.....	400

OHIO.

The State.....	40,760	Adams.....	500	Guernsey.....	510	Logan.....	440
Adams.....	500	Allen.....	440	Hamilton.....	400	Lorain.....	510
Allen.....	440	Ashland.....	470	Hancock.....	540	Lucas.....	440
Ashland.....	470	Ashtabula.....	720	Hardin.....	440	Madison.....	470
Ashtabula.....	720	Athens.....	430	Harrison.....	320	Mahoning.....	420
Athens.....	430	Auglaize.....	400	Henry.....	430	Marion.....	430
Auglaize.....	400	Belmont.....	500	Highland.....	540	Medina.....	400
Belmont.....	500	Brown.....	470	Hocking.....	470	Moira.....	400
Brown.....	470	Butler.....	460	Holmes.....	420	Mercer.....	470
Butler.....	460	Carroll.....	400	Huron.....	450	Miami.....	400
Carroll.....	400	Champaign.....	420	Jackson.....	410	Monroe.....	470
Champaign.....	420	Clarke.....	300	Jefferson.....	440	Montgomery.....	470
Clarke.....	300	Clermont.....	440	Knox.....	540	Morgan.....	400
Clermont.....	440			Lake.....	200	Morrow.....	450
				Lawrence.....	440	Muskingum.....	650
				Licking.....	680	Noble.....	400

AREAS OF THE STATES AND TERRITORIES.

OHIO—Continued.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
Ottawa	300	Putnam	510	Stark	580	Warren	400
Paulding	420	Richland	490	Summit	400	Washington	650
Perry	410	Rose	650	Trumbull	650	Wayne	540
Pickaway	480	Sandusky	440	Tuscarawas	520	Williams	420
Pike	470	Scioto	640	Union	420	Wood	620
Portage	490	Seneca	540	Van Wert	400	Wyandot	400
Preble	440	Shelby	420	Vinton	400		

OREGON.

The State	94,560	Columbia	720	Lake	12,000	Tillamook	1,800
		Cooe	1,600	Lane	3,700	Umatilla	14,260
Baker	10,500	Curry	1,500	Linn	2,400	Union	4,300
Benton	1,300	Douglas	4,000	Marion	1,000	Wasco	9,600
Clatskamas	1,400	Grant	17,500	Multnomah	470	Washington	650
Clatsop	1,000	Jackson	2,000	Polk	650	Yam Hill	610
		Josephine	1,600				

PENNSYLVANIA.

The State	44,985	Clarion	570	Juniata	400	Philadelphia	130
		Clearfield	1,130	Lackawanna	440	Pike	630
Adams	530	Clinton	860	Lancaster	970	Potter	1,070
Allegheny	760	Columbia	480	Lawrence	370	Schuylkill	840
Armstrong	610	Crawford	1,000	Lebanon	350	Snyder	320
Beaver	450	Cumberland	550	Lehigh	360	Somerset	1,100
Bedford	1,000	Dauphin	520	Luzerne	910	Sullivan	430
Berke	900	Delaware	190	Lycoming	1,205	Susquehanna	830
Blair	510	Elk	770	McKean	1,000	Union	1,120
Bradford	1,160	Erie	830	Mercer	660	Venango	310
Bucks	590	Fayette	890	Millin	380	Warren	660
Butler	820	Forest	430	Monroe	600	Washington	890
Cambria	670	Franklin	760	Montgomery	480	Wayne	740
Cameron	380	Fulton	440	Montour	140	Westmoreland	1,040
Carbon	400	Greene	620	Northampton	380	Wyoming	400
Centre	1,230	Huntingdon	900	Northumberland	460	York	920
Chester	760	Indiana	890	Ferry	480		
		Jefferson	640				

RHODE ISLAND.

The State	1,085	Kent	190	Providence	390	Washington	350
Bristol	25	Newport	130				

SOUTH CAROLINA.

The State	30,170	Chester	580	Hampton	800	Oconee	550
		Chesterfield	800	Horry	1,100	Orangeburgh	1,400
Abbeville	960	Clarendon	720	Kershaw	900	Pickens	510
Aiken	720	Colleton	1,900	Lancaster	600	Richland	620
Anderson	760	Darlington	900	Laurens	650	Spartanburgh	950
Barnwell	1,300	Edgefield	1,200	Lexington	1,100	Sumter	900
Beaufort	1,100	Fairfield	900	Marion	1,100	Union	700
Charleston	2,000	Georgetown	900	Marlborough	540	Williamsburgh	980
		Greenville	690	Newberry	620	York	720

TENNESSEE.

The State	41,750	Fayette	640	Knox	500	Rhea	340
Anderson	440	Fentress	500	Lake	210	Roane	450
Bedford	520	Franklin	590	Lauderdale	410	Robertson	500
Benton	380	Gibson	550	Lawrence	590	Rutherford	590
Bledsoe	280	Giles	590	Lewis	360	Scott	640
Blount	770	Grainger	320	Lincoln	540	Sequatchie	220
Bradley	940	Greene	530	London	230	Sevier	520
Campbell	400	Grundy	400	McMinn	480	Shelby	690
Cannon	220	Hamblen	150	McNairy	690	Smith	360
Carroll	550	Hamilton	370	Macon	280	Stewart	500
Carter	340	Hancock	340	Madison	580	Sullivan	400
Cheatham	370	Hardeman	610	Marion	500	Sumner	530
Claihorne	340	Hardin	610	Marshall	350	Tipton	330
Clay	260	Hawkins	570	Marry	590	Trondale	180
Cocke	540	Haywood	570	Meigs	300	Union	480
Coffee	300	Henderson	580	Monroe	500	Union	220
Crockett	260	Henry	550	Montgomery	540	Van Buren	340
Cumberland	690	Hickman	810	Moore	270	Warren	440
Davidson	500	Houston	260	Morgan	400	Washington	350
Deatur	310	Humpbrey's	450	Obion	540	Wayne	710
De Kalb	300	Jackson	280	Overton	540	Weakley	620
Dickson	630	James	200	Perry	400	White	440
Dyer	570	Jefferson	320	Polk	400	Williamson	540
		Johnson	390	Putnam	460	Wilson	410

AREAS OF THE STATES AND TERRITORIES.

TEXAS.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
The State.....	262, 290						
Anderson.....	1, 000	Delta.....	260	Jasper.....	970	Pecos.....	11, 000
Andrews.....	1, 500	Denton.....	900	Jefferson.....	1, 000	Folk.....	1, 100
Angelina.....	880	De Witt.....	900	Johnson.....	690	Potter.....	900
Aransas.....	440	Dickens.....	900	Jones.....	900	Fresido.....	12, 500
Archer.....	900	Dimmit.....	1, 000	Karnes.....	730	Rains.....	270
Armstrong.....	900	Donley.....	900	Kaufman.....	830	Randall.....	900
Atascosa.....	1, 200	Duval.....	1, 700	Kendall.....	670	Red River.....	1, 000
Austin.....	700	Eastland.....	900	Kent.....	900	Refugio.....	850
Bailey.....	1, 050	Edwards.....	950	Kerr.....	1, 100	Roberts.....	900
Bandera.....	1, 000	Ellis.....	950	Kimble.....	1, 300	Robertson.....	870
Bastrop.....	900	El Paso.....	8, 000	King.....	900	Rockwall.....	150
Bayler.....	900	Encinal.....	1, 700	Kinney.....	1, 700	Runnele.....	900
Bee.....	880	Erath.....	1, 000	Knox.....	400	Ruek.....	920
Bell.....	1, 000	Falls.....	780	Lamar.....	900	Sabine.....	570
Bexar.....	1, 180	Fannin.....	880	Lamb.....	1, 100	San Augustine.....	560
Blanco.....	710	Fayette.....	950	Lampasas.....	850	San Jacinto.....	640
Borden.....	900	Fisher.....	900	La Salle.....	1, 500	San Patricio.....	730
Boesque.....	1, 000	Floyd.....	1, 100	Lavaca.....	1, 000	San Saba.....	1, 130
Bowie.....	900	Fort Bend.....	880	Lee.....	600	Shackelford.....	900
Brazoria.....	1, 400	Franklin.....	300	Leon.....	1, 000	Shelby.....	800
Brazos.....	520	Freestone.....	880	Liberty.....	1, 170	Sherman.....	910
Briscoe.....	900	Frio.....	1, 000	Limestone.....	970	Scarry.....	900
Brown.....	1, 200	Gaines.....	1, 500	Lipscomb.....	900	Smith.....	960
Burleson.....	650	Galveston.....	670	Live Oak.....	1, 100	Somervell.....	200
Burnet.....	1, 000	Garza.....	900	Llano.....	900	Starr.....	2, 500
Caldwell.....	540	Gillepie.....	980	Lubbock.....	900	Stephens.....	900
Calhoun.....	960	Goliad.....	820	Lynn.....	900	Stonewall.....	900
Callahan.....	900	Gonzales.....	1, 070	McCulloch.....	1, 000	Swisher.....	900
Cameron.....	3, 000	Gray.....	900	McLennan.....	1, 080	Tarrant.....	900
Camp.....	200	Grayson.....	960	McMullen.....	1, 160	Taylor.....	900
Carson.....	900	Gregg.....	280	Madison.....	460	Terry.....	900
Case.....	950	Grimes.....	780	Marion.....	420	Throckmorton.....	900
Castro.....	900	Guadalupe.....	710	Martin.....	900	Titus.....	420
Chambers.....	850	Hale.....	1, 100	Mason.....	900	Tom Green.....	12, 300
Cherokee.....	1, 000	Hall.....	900	Matagorda.....	1, 400	Travis.....	1, 000
Childress.....	750	Hamilton.....	980	Maverick.....	1, 300	Trinity.....	710
Clay.....	1, 100	Hansford.....	910	Medina.....	1, 300	Tyler.....	920
Cochran.....	820	Hardeman.....	1, 180	Menard.....	880	Upshur.....	520
Coleman.....	1, 240	Hardin.....	820	Milam.....	900	Uvalde.....	1, 550
Collin.....	880	Harris.....	1, 800	Mitchell.....	830	Van Zandt.....	840
Collingsworth.....	900	Harrison.....	900	Montague.....	890	Victoria.....	880
Colorado.....	900	Hartley.....	1, 470	Montgomery.....	1, 050	Walker.....	760
Comal.....	670	Haskell.....	900	Moore.....	900	Waller.....	500
Comanche.....	930	Hayes.....	680	Morris.....	260	Washington.....	600
Concho.....	950	Hemphill.....	900	Motley.....	1, 140	Webb.....	1, 500
Cooke.....	900	Henderson.....	960	Nacogdoches.....	970	Wheeler.....	1, 070
Coryell.....	950	Hidalgo.....	2, 350	Navarro.....	1, 040	Whites.....	900
Cottle.....	1, 100	Hill.....	1, 000	Newton.....	870	Wichita.....	590
Crockett.....	9, 500	Hockley.....	900	Nolan.....	900	Willbarger.....	940
Crosby.....	900	Hood.....	490	Nueces.....	2, 800	Williamson.....	1, 100
Dallam.....	1, 400	Hopkins.....	750	Ochiltree.....	900	Wilson.....	790
Dallas.....	900	Houston.....	1, 170	Oldham.....	1, 470	Wise.....	900
Dawson.....	900	Howard.....	900	Orange.....	390	Wood.....	700
Deaf Smith.....	1, 400	Hunt.....	870	Paleo Pinto.....	960	Young.....	900
		Hutchinson.....	900	Panola.....	800	Yoakum.....	820
		Jack.....	870	Parker.....	900	Zapata.....	1, 290
		Jackson.....	900	Parmer.....	850	Zavalla.....	1, 290

UTAH.

The Territory.....	82, 190	Emery.....	7, 500	Rich.....	820	Tooele.....	5, 200
Beaver.....	2, 560	Iron.....	7, 730	Salt Lake.....	750	Uinta.....	6, 160
Box Elder.....	8, 200	Juasb.....	3, 760	San Juan.....	9, 100	Utah.....	1, 520
Cache.....	1, 000	Kane.....	3, 800	Sanpete.....	2, 790	Wasatch.....	2, 480
Davis.....	220	Millard.....	6, 550	Sevier.....	1, 700	Washington.....	1, 580
		Morgan.....	620	Summit.....	3, 840	Weber.....	610
		Pi Ute.....	3, 700				

VERMONT.

The State.....	9, 135	Caledonia.....	640	Grand Isle.....	80	Rutland.....	900
Addison.....	740	Chittenden.....	515	Lamoille.....	450	Washington.....	580
Bennington.....	700	Essex.....	780	Orange.....	630	Windham.....	800
		Franklin.....	620	Orleans.....	700	Windsor.....	1, 000

VIRGINIA.

The State.....	40, 125	Botetourt.....	550	Dinwiddie.....	540	Greensvills.....	330
Accomac.....	480	Brunswick.....	580	Elizabeth City.....	50	Halifax.....	800
Albemarle.....	680	Buchanan.....	510	Essex.....	300	Hanover.....	440
Alexandria.....	40	Brookingsham.....	690	Fairfax.....	440	Henrico.....	280
Alleghany.....	500	Campbell.....	450	Fauquier.....	720	Henry.....	400
Amelia.....	360	Caroline.....	500	Floyd.....	320	Highland.....	400
Amherst.....	430	Carroll.....	540	Fluvanna.....	270	Iale of Wight.....	290
Appomattox.....	280	Charles City.....	190	Franklin.....	720	James City.....	150
Augusta.....	900	Charlotte.....	500	Frederick.....	380	King and Queen.....	360
Bath.....	750	Chesterfield.....	500	Giles.....	490	King George.....	180
Bedford.....	840	Clarke.....	220	Gloucester.....	250	King William.....	270
Bland.....	400	Craig.....	300	Goochland.....	260	Lancaster.....	110
		Culpeper.....	400	Grayson.....	460	Lee.....	550
		Cumberland.....	280	Greene.....	200	Loudoun.....	520

AREAS OF THE STATES AND TERRITORIES.

VIRGINIA—Continued.

Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.	Counties.	Area in square miles.
Louisa	470	Northumberland	180	Rappahannock	240	Stafford	260
Lunenburg	400	Nottoway	300	Richmond	140	Surry	325
Madison	320	Orange	360	Roanoke	280	Sussex	400
Mathews	100	Page	320	Rockbridge	780	Tazewell	400
Mecklenburg	610	Patrick	540	Rockingham	900	Warren	250
Middlesex	150	Pittsylvania	900	Russell	540	Warwick	100
Montgomery	450	Powhatan	280	Scott	520	Washington	490
Nansemond	400	Prince Edward	300	Shenandoah	510	Westmoreland	170
Nelson	460	Prince George	300	Smyth	490	Wise	390
New Kent	210	Prince Anne	380	Southampton	610	Wythe	520
Norfolk	480	Prince William	430	Spottsylvania	380	York	70
Northampton	300	Fulaski	340				

WASHINGTON.

The Territory	66,880	Cowlitz	400	Mason	1,000	Thurston	800
		Island	250	Pacific	650	Wahkiakum	150
		Jefferson	1,500	Pierce	1,520	Walla-Walla	1,260
Chehalis	2,440	King	1,900	San Juan	650	Whatcom	3,200
Clallam	2,300	Kitsap	380	Skamania	1,800	Whitman	5,000
Clarke	1,300	Klickitat	2,300	Snohomish	2,160	Yakima	8,900
Columbia	2,160	Lewis	1,600	Stevens	23,260		

WEST VIRGINIA.

The State	24,645	Greenbrier	1,000	Mason	360	Randolph	1,080
Barbour	360	Hampshire	630	Mercer	400	Ritchie	400
Berkeley	320	Hancock	100	Mineral	300	Roane	350
Boone	500	Hardy	700	Monongalia	360	Summers	400
Braxton	920	Harrison	450	Monroe	460	Taylor	150
Brooks	80	Jackson	400	Morgan	300	Tucker	340
Cabell	300	Jefferson	250	Nicholas	720	Tyler	300
Calhoun	260	Kanawha	980	Ohio	120	Upshur	350
Clay	300	Lewis	400	Pondleton	650	Wayne	440
Doddridge	300	Lincoln	460	Pleasants	150	Webster	450
Fayette	750	Logan	800	Pocahontas	820	Wetzel	440
Gilmer	360	McDowell	860	Preston	650	Wirt	290
Grant	520	Marion	300	Putnam	320	Wood	375
		Marshall	240	Raleigh	680	Wyoming	680

WISCONSIN.

The State	54,450	Door	470	Lincoln	590	Richland	570
		Douglas	1,300	Manitowoc	1,500	Rock	720
		Dunn	860	Marathon	1,600	Saint Croix	740
Adams	680	Eau Claire	650	Marinette	450	Sauk	800
Ashland	1,600	Fond du Lac	720	Marquette	240	Shawano	1,200
Barron	900	Grant	1,200	Milwaukee	900	Sheboygan	500
Bayfield	1,400	Green Lake	540	Monroe	1,500	Taylor	900
Brown	540	Iowa	360	Oconto	1,600	Traverseau	740
Buffalo	600	Jackson	740	Outagamie	640	Vernon	800
Burnett	1,600	Jefferson	1,000	Ozaukee	240	Walworth	570
Calumet	290	Juneau	570	Pepin	280	Washington	430
Chippewa	3,000	Kenosha	800	Pierce	570	Waukesha	580
Clark	1,200	Kewaunee	280	Polk	940	Wanapaca	750
Columbia	730	La Crosse	430	Portage	800	Wauwasha	640
Crawford	500	La Fayette	450	Price	1,000	Winnebago	460
Dane	1,200	Langlade	4,000	Racine	340	Wood	820
Dodge	900						

WYOMING.

The Territory	97,575	Carbon	13,500	Johnson	11,000	Sweetwater	30,275
Albany	11,000	Crook	10,000	Laramie	6,800	Uinta	15,000

DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
WASHINGTON

LAND AND WATER AREA OF THE UNITED STATES BY STATES: 1940

Acting Director Vergil D. Reed, of the Bureau of the Census, Department of Commerce, today announced the land and water area of the United States by States as remeasured to supplement the Sixteenth Decennial Census. These area figures, prepared with the financial assistance of Federal Work Projects Administration Official Project No. 65-2-26-23, present a summary release for a report which will appear during 1941 covering the land and water areas of the counties, minor civil divisions, and cities of the United States.

These entirely new determinations represent the first basic re-measurement of the United States since the work of Henry Gannett, prepared for the Tenth Decennial Census of 1880. Since that date, revisions of State and county areas have been released by the Bureau of the Census in connection with each census and from time to time in special bulletins and reports by the General Land Office, the U. S. Geological Survey, the U. S. Coast and Geodetic Survey, and the U. S. Bureau of Agricultural Economics, as well as for individual States by various State agencies. Although these figures embodied corrections necessitated by boundary changes and improvements in maps, they represented adjustments either to figures heretofore published for individual State areas or to the total area of the United States as originally determined by Henry Gannett.

Greatly improved maps made it possible to undertake the re-measurement of the United States at this time. This work, which involved a procedure approved by the principal map-making agencies of the Federal Government, was based on a set of U. S. Coast and Geodetic Survey aeronautical charts on a scale of 1:500,000. The area of the United States by States was computed by using international geodetic tables¹ giving the values of all areas of 30 minutes on a side which fell entirely within each State, combining with these areas the partial areas of 30-minute squares within each State as determined by planimeter measurement. For the complete report,

¹ The Smithsonian Geographical Tables based on the Clarke spheroid were used, but they were adjusted to conform to the current legal ratio of 39.37 inches to the meter.

which will be available at a later date, counties shown on the U. S. Geological Survey and Post Office Department State maps (on scales of 1:500,000 and 1:750,000, respectively) were measured and adjusted to the State totals computed from the aeronautical charts; whereas, for the minor civil division and city areas, the best available large-scale highway, post route, topographic quadrangle, or miscellaneous map for each county was measured and adjusted to the county area totals.

It will be noted that there is an apparent increase of 3,352 square miles of land in the United States as compared to the area given in 1930. This increase is largely due to a rather general decrease in the inland water area as shown on the new large-scale county maps measured for the several States. Direct comparisons between the inland water given and that measured in 1930 are not feasible since, in 1930, Chesapeake and Delaware Bays, Puget Sound, and a number of other large coastal embayments, were not differentiated from inland water, as has been done for this report. Individual variations in the land areas of the several States may be ascribed to decreases or increases in water area, map improvements involving longitudinal and latitudinal position, or to the more accurate placement of boundaries.

Since these State totals were obtained from base maps on a scale of 1:500,000, the largest scale available on one map projection covering the entire country, it is obvious that no greater accuracy can be claimed than this rather small scale will permit. Furthermore, these area figures are in terms of specific definitions for land, inland water, and the outer limits of the United States, as indicated in the footnotes of the table. Since these definitions undoubtedly do not agree with those which may have been used by other agencies measuring the areas of States, counties, minor civil divisions, and cities, it follows that there may be some variation in the results. Finally, although these areas and those to be published subsequently will undoubtedly serve a variety of uses, they are considered by the Bureau of the Census to be primarily for statistical purposes.

AREA	Total area in square miles	LAND AREA IN SQUARE MILES		Inland water area in square miles ²	AREA	Total area in square miles	LAND AREA IN SQUARE MILES		Inland water area in square miles ²
		1940 ¹	+ or - 1930				1940 ¹	+ or - 1930	
United States-----	3,022,387	2,977,128	+3,352	45,259	Missouri-----	69,674	69,270	+543	404
Alabama-----	51,609	51,078	-201	³ 531	Montana-----	147,138	146,316	+185	822
Arizona-----	113,909	113,580	-230	329	Nebraska-----	77,237	76,653	-155	584
Arkansas-----	53,102	52,725	+200	377	Nevada-----	110,540	109,802	-19	738
California-----	158,693	156,803	+1,151	⁴ 1,890	New Hampshire-----	9,304	9,024	-7	280
Colorado-----	104,247	103,967	+309	280	New Jersey-----	7,836	7,522	+8	¹⁸ 314
Connecticut-----	5,009	4,899	+79	⁵ 110	New Mexico-----	121,666	121,511	-992	155
Delaware-----	2,057	1,978	+13	⁶ 79	New York-----	49,576	47,929	+275	¹⁹ 1,647
District of Columbia-----	69	61	-1	8	North Carolina-----	52,712	49,142	+402	3,570
Florida-----	58,560	54,262	-599	⁷ 4,298	North Dakota-----	70,665	70,054	-129	611
Georgia-----	58,876	58,518	-207	⁸ 358	Ohio-----	41,222	41,122	+382	²⁰ 100
Idaho-----	83,557	82,808	-546	749	Oklahoma-----	69,919	69,283	-131	636
Illinois-----	56,400	55,947	-96	⁹ 453	Oregon-----	96,981	96,350	+743	²¹ 631
Indiana-----	36,291	36,205	+160	¹⁰ 86	Pennsylvania-----	45,333	45,045	+213	²² 288
Iowa-----	56,280	55,986	+400	294	Rhode Island-----	1,214	1,058	-9	²³ 156
Kansas-----	82,276	82,113	+339	163	South Carolina-----	31,055	30,594	+99	²⁴ 461
Kentucky-----	40,395	40,109	-72	286	South Dakota-----	77,047	76,536	-332	511
Louisiana-----	48,523	45,177	-232	¹¹ 3,346	Tennessee-----	42,246	41,961	+274	285
Maine-----	33,215	31,040	+1,145	¹² 2,175	Texas-----	267,339	263,644	+1,246	²⁵ 3,695
Maryland-----	10,577	9,887	-54	¹³ 690	Utah-----	84,916	82,346	+162	2,570
Massachusetts-----	8,257	7,907	-132	¹⁴ 350	Vermont-----	9,609	9,278	+154	331
Michigan-----	58,216	57,022	-458	¹⁵ 1,194	Virginia-----	40,815	39,899	-363	²⁶ 916
Minnesota-----	84,068	80,009	-849	¹⁶ 4,059	Washington-----	68,192	66,977	+141	²⁷ 1,215
Mississippi-----	47,716	47,420	+1,058	¹⁷ 296	West Virginia-----	24,181	24,090	+68	91
					Wisconsin-----	56,154	54,715	-541	²⁸ 1,439
					Wyoming-----	97,914	97,506	-42	408

¹ Land area is defined to include: Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs and ponds having less than 40 acres of area.

² Inland water is defined to include: Permanent inland water surface, such as lakes, reservoirs and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than one nautical mile of water; and islands having less than 40 acres of area. All other water, listed in the footnotes for the several States, consists of deeply indented embayments and sounds, and other coastal waters lying between the outer limits set for inland water and behind or sheltered by headlands or islands separated by less than 10 nautical miles of water; or as specified by naming the water body in question.

³ Excluding Gulf of Mexico coastal waters, 560 square miles.
⁴ Excluding Pacific coastal waters, 69 square miles.
⁵ Excluding part of Long Island Sound, 573 square miles.
⁶ Excluding part of Delaware Bay, 350 square miles.
⁷ Excluding Atlantic coastal waters, 37 square miles; and Gulf of Mexico coastal waters, 1,698 square miles.
⁸ Excluding Atlantic coastal waters, 48 square miles.
⁹ Excluding part of Lake Michigan, 1,526 square miles.
¹⁰ Excluding part of Lake Michigan, 228 square miles.
¹¹ Excluding Gulf of Mexico coastal waters, 1,016 square miles.

¹² Excluding Atlantic coastal waters, 1,102 square miles.
¹³ Excluding part of Chesapeake Bay, 1,726 square miles.
¹⁴ Excluding Atlantic coastal waters, 959 square miles.
¹⁵ Excluding parts of: Lake Erie, 216 square miles; Lake Huron, 8,975 square miles; Lake Michigan, 13,057 square miles; Lake St. Clair, 116 square miles; and Lake Superior, 16,231 square miles.
¹⁶ Excluding part of Lake Superior, 2,212 square miles.
¹⁷ Excluding Gulf of Mexico coastal waters, 556 square miles.
¹⁸ Excluding parts of: Delaware Bay, 315 square miles; and New York Harbor, 69 square miles.
¹⁹ Excluding parts of: Lake Erie, 594 square miles; Lake Ontario, 3,033 square miles; Long Island Sound, 726 square miles; and New York Harbor, 23 square miles.
²⁰ Excluding part of Lake Erie, 3,457 square miles.
²¹ Excluding Pacific coastal waters, 48 square miles.
²² Excluding part of Lake Erie, 735 square miles.
²³ Excluding Atlantic coastal waters, 14 square miles.
²⁴ Excluding Atlantic coastal waters, 138 square miles.
²⁵ Excluding Gulf of Mexico coastal waters, 7 square miles.
²⁶ Excluding part of Chesapeake Bay, 1,511 square miles.
²⁷ Excluding Pacific coastal waters, 226 square miles; Puget Sound, 561 square miles; and parts of the Straits of Juan de Fuca and Georgia, 1,610 square miles.
²⁸ Excluding parts of: Lake Michigan, 7,387 square miles; and Lake Superior, 2,675 square miles.



MAP
OF THE
UNITED STATES
DEFINING THE GROSS AREAS
OF THE STATES AND
TERRITORIES
1881

Scale 0 100 200 300 400 500 Miles.

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